TOSHIBA

FILE NO. 020-200028

SERVICE MANUAL

COLOR TELEVISION

N0PS Chassis

36HFX70, 36HF70

(TAC0030) *(TAC0031)*

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CHAPTER 1 GENERAL ADJUSTMENTS

SAFETY INSTRUCTIONS

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" INSTRUCTIONS BELOW.

X-RAY RADIATION PRECAUTION

1. Excessive high voltage can produce potentially hazardous X-RAY RADIATION. To avoid such hazards, the high voltage must not be above the specified limit. The nominal value of the high voltage of this receiver is (A) kV at zero beam current (minimum brightness) under a 120V AC power source. The high voltage must not, under any circumstances, exceed (B) kV.

   Refer to table-1 for high voltage (A), (B).
   (See SETTING & ADJUSTING DATA on page 14)

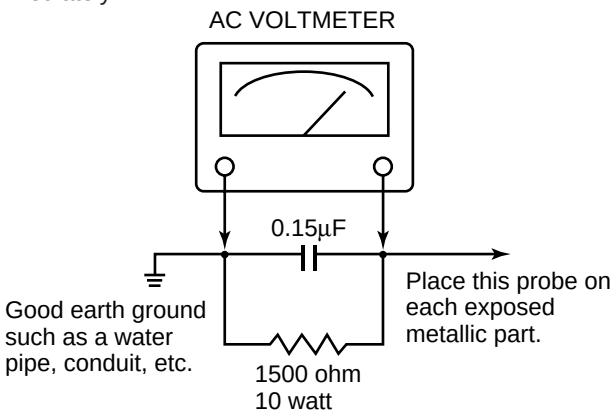
   Each time a receiver requires servicing, the high voltage should be checked following the HIGH VOLTAGE CHECK procedure in this manual. It is recommended that the reading of the high voltage be recorded as a part of the service record. It is important to use an accurate and reliable high voltage meter.
2. This receiver is equipped with a Fail Safe (FS) circuit which prevents the receiver from producing an excessively high voltage even if the B+ voltage increases abnormally. Each time the receiver is serviced, the FS circuit must be checked to determine that the circuit is properly functioning, following the FS CIRCUIT CHECK procedure in this manual.
3. The only source of X-RAY RADIATION in this TV receiver is the picture tube. For continued X-RAY RADIATION protection, the replacement tube must be exactly the same type tube as specified in the parts list.
4. Some part in this receiver have special safety-related characteristics for X-RAY RADIATION protection. For continued safety, parts replacement should be undertaken only after referring to the PRODUCT SAFETY NOTICE below.

SAFETY PRECAUTION

WARNING : Service should not be attempted by anyone unfamiliar with the necessary precautions on this receiver. The following are the necessary precautions to be observed before servicing this chassis.

1. An isolation Transformer should be connected in the power line between the receiver and the AC line before any service is performed on the receiver.
2. Always discharge the picture tube anode to the CRT conductive coating before handling the picture tube. The picture tube is highly evacuated and if broken, glass fragments will be violently expelled. Use shatter proof goggles and keep picture tube away from the unprotected body while handling.
3. When replacing a chassis in the cabinet, always be certain that all the protective devices are put back in place, such as; non-metallic control knobs, insulating covers, shields, isolation resistor-capacitor network etc.
4. Before returning the set to the customer, always perform an AC leakage current check on the exposed metallic parts of the cabinet, such as antennas, terminals, screwheads, metal overlays, control shafts etc. to be sure the set is safe to operate without danger of electrical shock. Plug the AC line cord directly into a 120V AC outlet (do not use a line isolation transformer during this check). Use an AC voltmeter having 5000 ohms per volt or more sensitivity in the following manner:

   Connect a 1500 ohm 10 watt resistor, paralleled by a 0.15 μF, AC type capacitor, between a known good earth ground (water pipe, conduit, etc.) and the exposed metallic parts, one at a time. Measure the AC voltage across the combination of 1500 ohm resistor and 0.15 μF capacitor. Reverse the AC plug at the AC outlet and repeat AC voltage measurements for each exposed metallic part. Voltage measured must not exceed 0.3 volts rms. This corresponds to 0.2 milliamp. AC. Any value exceeding this limit constitutes a potential shock hazard and must be corrected immediately.


AC VOLTMETER
0.15μF
Good earth ground such as a water pipe, conduit, etc.
Place this probe on each exposed metallic part.
1500 ohm
10 watt

PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These characteristics are often passed unnoticed by a visual inspection and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this manual and its supplements; electrical components having such features are identified by the international hazard symbols on the schematic diagram and the parts list.
Before replacing any of these components, read the parts list in this manual carefully. The use of substitute replacement parts which do not have the same safety characteristics as specified in the parts list may create shock, fire, X-ray radiation or other hazards.

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE “X-RAY RADIATION PRECAUTION”, “SAFETY PRECAUTION” AND “PRODUCT SAFETY NOTICE” ON PAGE 3 OF THIS MANUAL.

SET-UP ADJUSTMENT

■ The following adjustments should be made when a complete realignment is required or a new picture tube is installed. Perform the adjustments in order as follows :

1. Color Purity
2. Convergence
3. White Balance

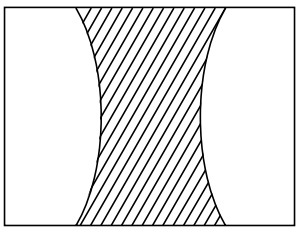
Note: 1. The PURITY/CONVERGENCE MAGNET assembly and rubber wedges need mechanical positioning. Refer to figure 1.
2. Mounting position of the purity magnet assembly should fit to same position as old one because slightly difference to the position depend on a kind of tube.

* There are no adjustment of purity and convergence in some picture tube (Unified with purity magnet)

COLOR PURITY ADJUSTMENT

NOTE : Before attempting any purity adjustments, the receiver should be operated for at least fifteen minutes.

1. Evenly degauss the entire screen.
2. Set the CONTRAST and BRIGHTNESS Controls to the maximum.
3. Display built-in green raster using the TEST SIGNAL SELECTION function.
4. Loosen the clamp screw holding the deflection yoke (and remove the rubber Wedges).
5. Slide the yoke forward or backward to provide vertical green belt (zone) in the picture screen.
6. Rotate and spread the tabs of the purity magnet (See figure 4.) around the neck of the picture tube until the green belt is in the center of the screen. At the same time, center the raster vertically by adjusting the magnet as shown below.



Green Belt

7. Move the yoke slowly forward or backward until a uniform green screen is obtained. Tighten the clamp screw of the yoke temporarily.
8. Check the purity of the red and blue raster.
9. Put four wedges into the space between the picture tube and the yoke to hold the yoke in the adjusted position. (See figure 2.)
   Do not tilt the yoke by excessive insertion of the wedge.
10. Remove cover paper of wedge and stick wedges on the tube to fix the yoke in the adjusted position.
    Fix the wedges with glass cloth tapes.

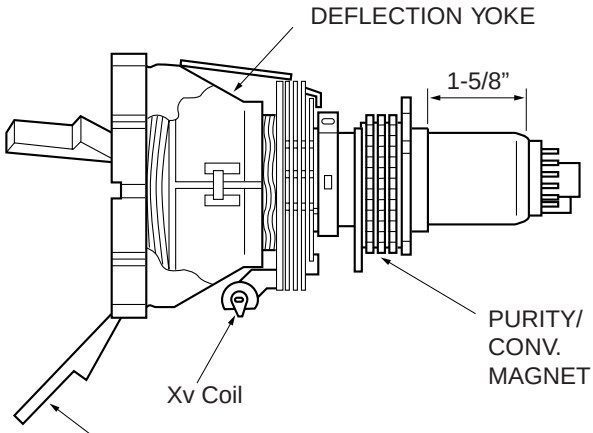


Figure 1.

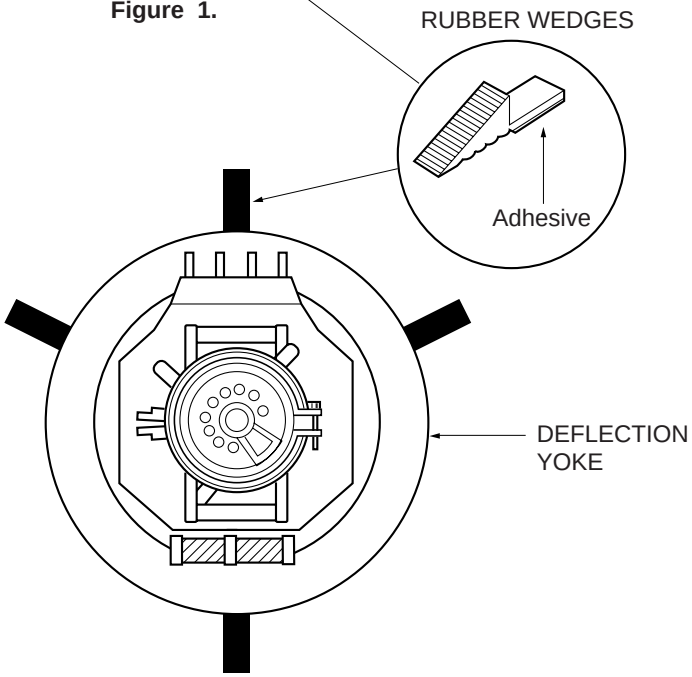


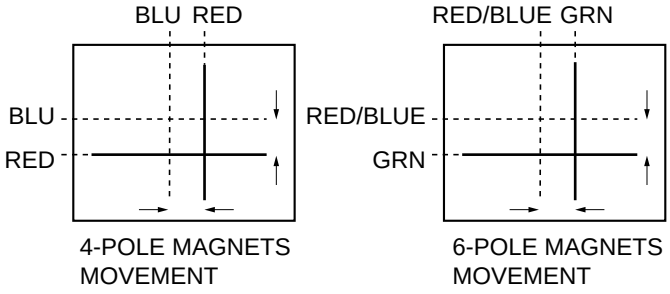
Figure 2.

CONVERGENCE ADJUSTMENTS

NOTE: Before attempting any convergence adjustments, the receiver should be operated for at least fifteen minutes.

■ **CENTER CONVERGENCE ADJUSTMENT**

1. Display built-in cross-dot pattern using the TEST SIGNAL SELECTION function.
2. Adjust the BRIGHTNESS and CONTRAST Controls for well defined pattern.
3. Loosen the tightening ring and adjust two tabs of the 4-Pole Magnets to change the angle between them (See figure 4.) and superimpose red and blue vertical lines in the center area of the picture screen. (See figure 3.)
4. Turn the both tabs at the same time keeping the constant angle to superimpose red and blue horizontal lines at the centre of the screen. (See figure 3.)
5. Adjust two tabs of 6-Pole Magnets to superimpose red/blue line with green one. Adjusting the angle affects the vertical lines and rotating both magnets affects the horizontal lines.
6. Repeat adjustments 3, 4, 5 keeping in mind red, green and blue movement, because 4-Pole Magnets and 6-Pole magnets interact and make dot movement complex.
7. After completing the "CENTER CONVERGENCE ADJUSTMENT" tighten the tightening ring to fix the magnets.



Center Convergence by Convergence Magnets

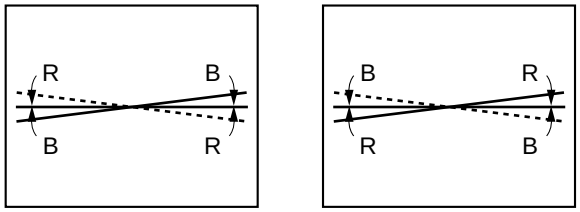
Figure 3.

■ **Xv COIL ADJUSTMENT**

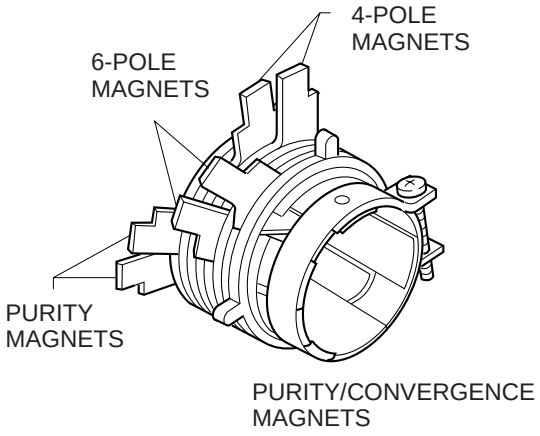
Adjust the Xv coil (on the deflection yoke) to correct misconvergence at both sides on screen.

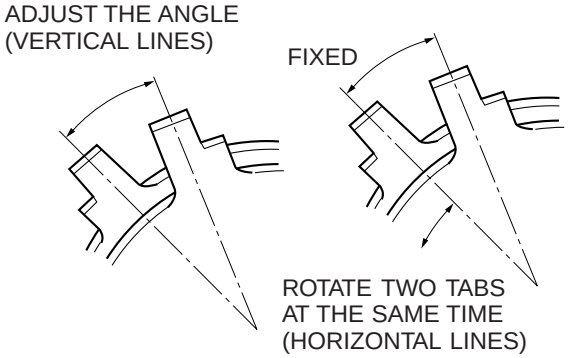
Use a hexagonal tip stick (plastic) to adjust the core of coil.

Clockwise Adjustment **Counterclockwise Adjustment**



X_V Cross Pattern View





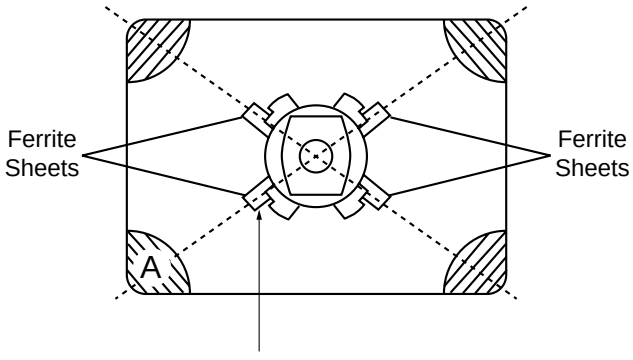
ADJUSTMENT OF MAGNETS

Figure 4.

■ **SCREEN-CORNER CONVERGENCE**

When the misconvergence is still evident on corners even though the above adjustment is done, use the ferrite sheet (Part No. 23993622) to correct misconvergence.

1. Put ferrite sheets into the space under the yoke. Decide such position that misconvergence becomes minimum, watching picture screen. (See figure below.)
2. Remove cover paper of ferrite sheet to stick it in the place on the tube. Put adhesive tapes on ferrite sheets to fix.



WARNING: BEFORE SERVICING THIS CHASSIS, READ THE “X-RAY RADIATION PRECAUTION”, “SAFETY PRECAUTION” AND “PRODUCT SAFETY NOTICE” ON PAGE 3 OF SERVICE MANUAL.

(SET-UP ADJUSTMENT FOR FLAT TUBE)

■ The following adjustments should be made when a complete realignment is required or a new picture tube is installed. Perform the adjustments in order as follows :

1. Color Purity
2. Convergence
3. White Balance

Note: The PURITY/CONVERGENCE MAGNET assembly and rubber wedges need mechanical positioning. Refer to figure 1.

COLOR PURITY ADUSTMENT

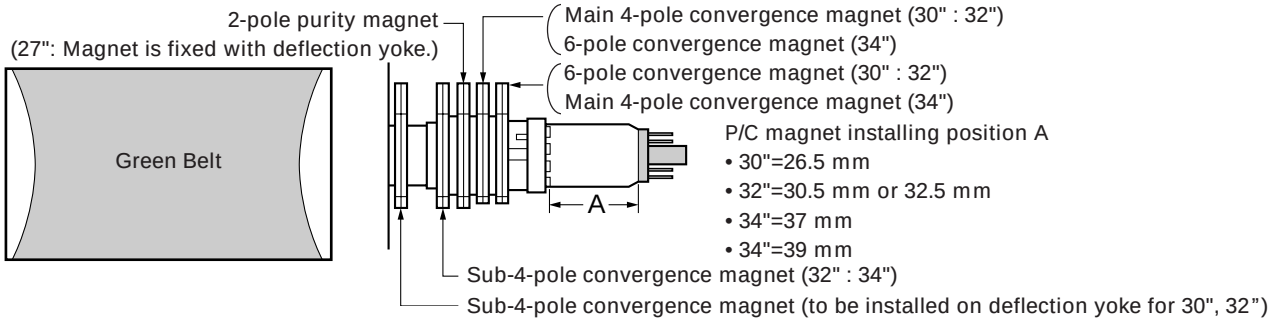
(1)Let the screen face in the installing direction or toward the east (when it is to be moved), bring up the service mode screen after demagnetizing (front, left, right, and top) with the degaussing coil, receive white signals by pressing the [TV/VIDEO] button, and then the receiver should be operated for more than 40 minutes.

(2)Perform rough adjustment of the central convergence with the P/C magnet according to the adjustment item.

(3)Receive built-in green signals, loosen set screws on the deflection yoke, remove rubber wedges, and shift the deflection yoke to toward front.

(4)Move alternately the two 2-pole magnets of the P/C magnets so that the green raster can come to the center of the screen.

Figure 1.

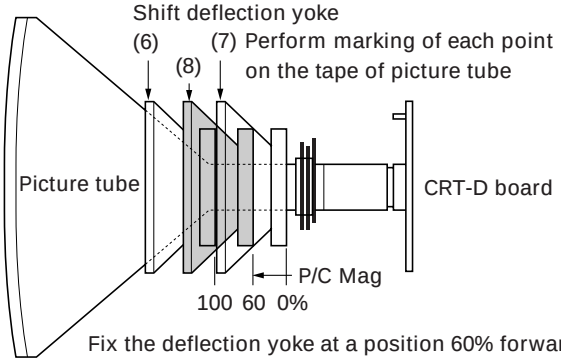

2-pole purity magnet
(27": Magnet is fixed with deflection yoke.)
Green Belt
Main 4-pole convergence magnet (30" : 32")
6-pole convergence magnet (34")
6-pole convergence magnet (30" : 32")
Main 4-pole convergence magnet (34")
A
P/C magnet installing position A
• 30"=26.5 mm
• 32"=30.5 mm or 32.5 mm
• 34"=37 mm
• 34"=39 mm
Sub-4-pole convergence magnet (32" : 34")
Sub-4-pole convergence magnet (to be installed on deflection yoke for 30", 32")

(5)Receive built-in red and blue signals, check that there is no inclination of the single color raster toward one side, and if each color tilts to a great extent, make adjustment with the 2-pole magnet so that the 3 colors will come to the center evenly.

(6)Receive the green raster, shift the deflection yoke from a foremost position (hitting against the picture tube) to a backward position horizontally, stop the deflection yoke at a position where it begins to become a green raster, and perform accurate marking on the picture tube.

(7)Shift the deflection yoke further backward, and perform accurate marking at a position where the green raster begins to being luck.

(8)Fix the deflection yoke at a position 60% forward within the range marked in items (6) and (7) above.



Fix the deflection yoke at a position 60% forward from a point between (6) and (7)

CONVERGENCE ADJUSTMENTS

* Adjust the convergence magnet to get vest convergence in the the order to (1) ~ (5).

■ CENTER CONVERGENCE:

(1)Receive the white crosshatch or dot pattern from the service signal generator.

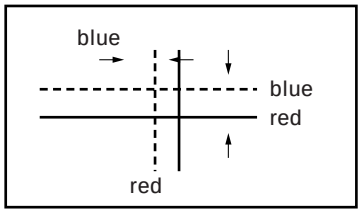
(2)Use the 2 pieces of main 4-pole magnets of P/C magnets, change the open angle, and align the red and blue vertical lines on the screen center.

(3)Freeze the open angle of the main 4-pole magnets, turn them simultaneously, and align the horizontal lines.

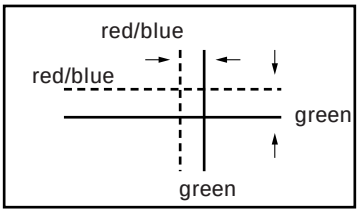
(4)Take the same steps for items (2) and (3) above and align red/blue with green on the screen center using two 6-pole magnets.

(5)Adjust the sub-4-pole magnets only in case there is any deviation of Xv bow-shaped convergence. (To be usually set at the initial position)

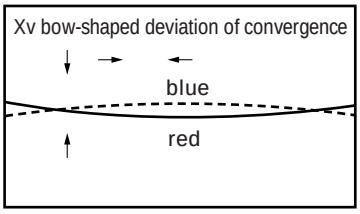
Align both sides with the sub-4-pole magnets and minimize the deviation of blue and red with the main 4-pole magnets.



Main 4-pole magnet



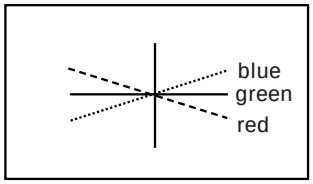
6-pole magnet

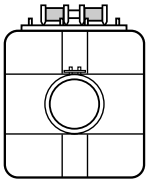


Sub-4-pole magnet

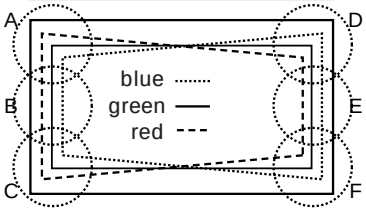
■ CIRCUMFERENCE CONVERGENCE:

∗ Perform correction in the following manner.

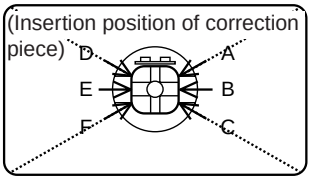




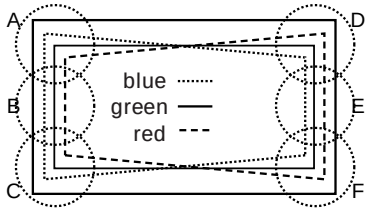
• Adjust coils and minimize deviation
(The 27" unit has coils underneath it)



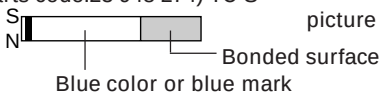
(Parts code:23 948 274) TC-S

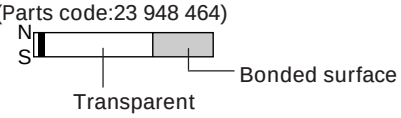


*Insert the correction piece between the picture tube and the deflection yoke.

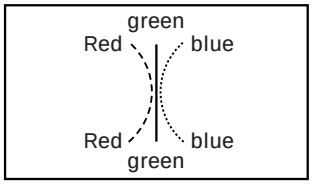


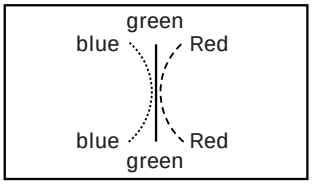
(Parts code:23 948 464)



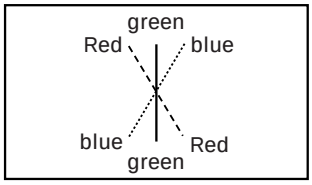


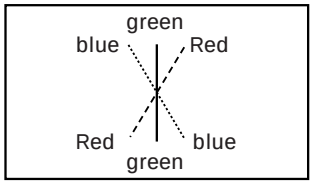
Adjust VR 1 and minimize the deviation of YH. *Only 27", 30" and 32".



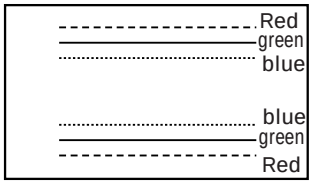


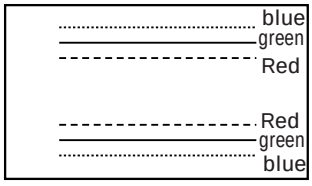
Adjust VR 2 (YHC) and minimize the deviation of YH.

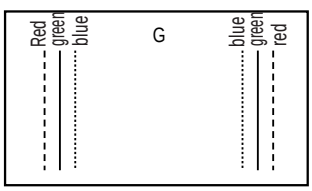


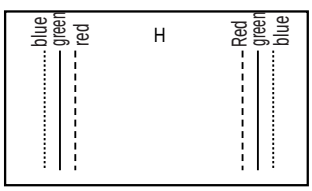


Adjust VR 3 (YV) and minimize the deviation of YV.

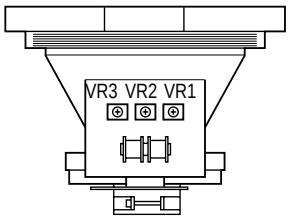




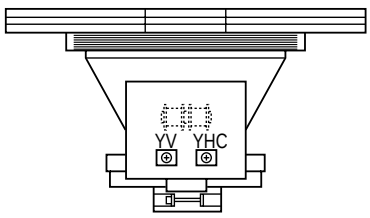




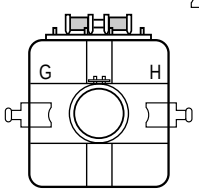
■ 30", 27", 32"



■ 34"



27" (Part No. 23 947 371)
32", 30" (Part No. 23 947 121)
34" (Part No. 23 993 080)



Perform correction by inserting the correction piece into the clearance of terminal board coils of the deflection yoke.

Note:

Perform insertion by turning the metal side to the terminal board side of the deflection yoke.

SERVICE MODE

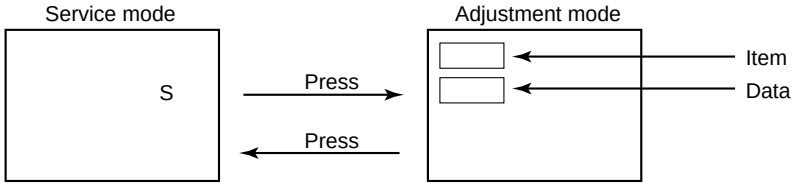
1. ENTERING TO SERVICE MODE

1) Press MUTE button once on Remote Control.
2) Press MUTE button again to keep pressing.
3) While pressing the MUTE button, press MENU button on TV set.

(Service mode display)

2. DISPLAYING THE ADJUSTMENT MENU

1) Press MENU button on TV.



3. KEY FUNCTION IN THE SERVICE MODE

The following key entry during display of adjustment menu provides special functions.

A single horizontal line ON/OFF:	TV (ANT)/VIDEO button (on TV)
Test signal selection :	TV (ANT)/VIDEO button (on Remote)
Selection of the adjustment items :	Channel ▲/▼ (on TV or Remote)
Change of the data value :	Volume ▲/▼ (on TV or Remote)
Adjustment menu mode ON/OFF :	MENU button (on TV)
Initialization of the memory (QA02, QA04) :	RECALL+Channel (▲) button on TV
Initialization of the self diagnostic data:	RECALL+Channel (▼) button on TV

“RCUT” selection :	1 button
“GCUT” selection :	2 button
“BCUT” selection :	3 button
“CNTX” selection :	4 button
“COLC” selection :	5 button
“TNTC” selection :	6 button
Test audio signal ON/OFF (1kHz) :	8 button
Self diagnostic display ON/OFF :	9 button

4. SELECTING THE ADJUSTING ITEMS

1) Every pressing of CHANNEL ▲ button in the service mode changes the adjustment items in the order of table-2. (▼ button for reverse order)

Refer to table-2 for preset data of adjustment mode.
(See SETTING & ADJUSTING DATA on page 14)

5. ADJUSTING THE DATA

1) Pressing of VOLUME ▲ or ▼ button will cahnge the value of data in the range from 00H to FFH. The variable range depends on the adjusting item.

6. EXIT FROM SERVICE MODE

1) Pressing POWER button to turn off the TV once.

■ INITIALIZATION OF MEMORY DATA OF QA02 AND QA04

After replacing QA02 and QA04, the following initialization is required.

1. Enter the service mode, then select any register item.
2. Press and hold the RECALL button on the Remote, then press the CHANNEL ▲ button on the TV. The initialization of QA02 and QA04 has been complated.
3. Check the picture carefully. If necessary, adjust any adjustment item above.
   Perform “Programming Channel Memory” on the owner's manual.

CAUTION: Never attempt to initialize the data unless QA02, QA04 has been replaced.

7. TEST SIGNAL SELECTION

1) Every pressing of TV/VIDEO button on the Remote Control in the Service mode changes the built-in test patterns on screen in the following order.

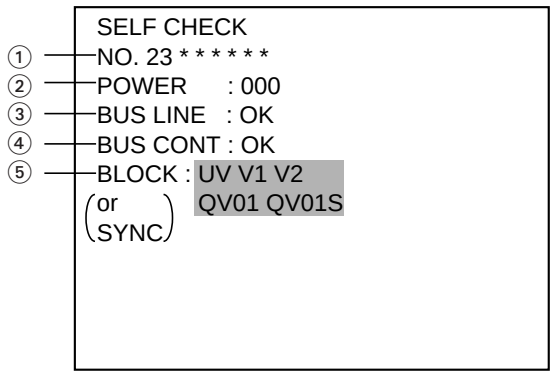
Signals	Picture
• All White	

2) Press “8” button while any built-in test pattern to on the screen to output the 1 kHz sound. Press the button again to cut off the sound.

Note: If the video cable is connected to the VIDEO1 INPUT jack, the built-in pattern signals are not displayed.

8. SELF DIAGNOSTIC FUNCTION

1) Press “9” button on Remote Control during display of adjustment menu in the service mode.
   The diagnosis will begin to check if interface among IC’s are executed properly.
2) During diagnosis, the following displays are shown.



① Part number of microprocessor (QA01)
② Operation number of protection circuit (current limiter) . . . . “000” is normal.
③ BUS line check
- “OK” ..... Normal
- “SCL-GND” or “NG” ..... SCL-GND short circuit
- “SDA-GND” or “NG” ..... SDA-GND short circuit
- “SCL-SDA” or “NG” ..... SCL-SDA short circuit

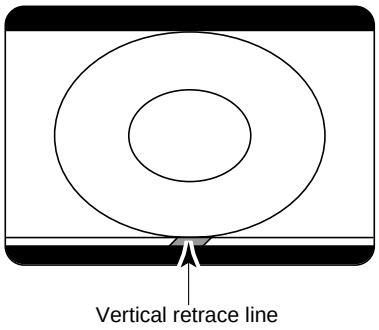
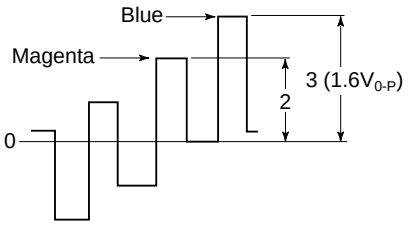
④ BUS line ACK (acknowledge) check
- “OK” ..... Normal
- Display of Location Number . . . . NG
- (Display example)
- “QA02 NG”, “H001 NG”, “Q501 NG” etc.
- Note: The indication of failure place is only one place though failure places are plural. When repair of a failure place finishes, the next failure place is indicated. (The order of priority of indication is left side.)

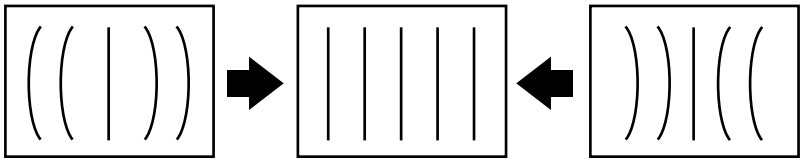
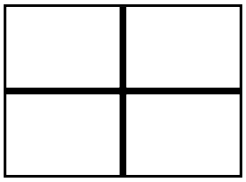
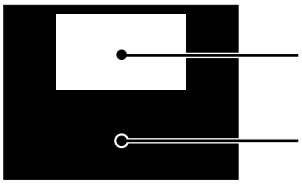
⑤ Sync. signal check
- Green display ..... Normal
- Cyan display ..... No check
- Red display ..... NG

UV ..... TV mode
V1 ..... VIDEO 1 mode
V2 ..... VIDEO 2 mode

* The items marked with ▒ are not usable to display in the SELF DIAGNOSTIC FUNCTION for some model.

ELECTRICAL ADJUSTMENTS

ITEM	ADJUSTMENT PROCEDURE
FOCUS VR ADJ	1. Enter the service mode, then select any register item. 2. Press the TV/VIDEO button on the Remote until the black cross-bar pattern appears on the screen. 3. Adjust the FOCUS control (on T461) for well defined scanning lines on the picture screen.
SUB-BRIGHTNESS (BRTC)	1. Constrict the picture height until the vertical retrace line appears adjusting the item HIT (HEIGHT). 2. Adjust the CONTRAST control to the minimum. 3. Call up the adjustment mode display, then select the item **BRTC**. 4. Press the VOLUME ▲ or ▼ button so the belt of vertical retrace line just disappear. 5. Adjust the CONTRAST control for the desired contrast. 6. Perform the HEIGHT adjustment. 
SUB-COLOR (SCOL) SUB-TINT (TNTC)	1. Receive color-bar signal from color-bar generator. 2. Press the RESET button. 3. Connect oscilloscope to TP501 on SIGNAL board. 4. Adjust the CONTRAST control to the minimum. 5. Call up the adjustment mode display, then select the item **TNTC**. 6. Adjust the SUB-TINT by pressing the VOLUME ▲ or ▼ button to obtain a blue bar to magenta bar ratio of 3:2 as shown.  7. Press the RESET button. 8. Select the item **SCOL**. 9. Adjust the SUB-COLOR by pressing the VOLUME ▲ or ▼ button to achieve 1.6$V_{0\text{-}p}$ of a blue bar on scope. 10. Check the picture with off-air signal.
WIDTH (WID)	1. Call up the adjustment mode display, then select the item **WID**. 2. Press the VOLUME ▲ or ▼ button to get the picture so the left and right edges of raster begins to lack. 3. Press the VOLUME ▲ or ▼ button to advance the data by 7 steps. Note : Check the horizontal picture position is correct.

ITEM	ADJUSTMENT PROCEDURE
E-W PARABOLA (DPC) (PARA)	1. Call up the adjustment mode display, then select the item **PARA**. 2. Press the TV/VIDEO button on Remote until the cross-hatch pattern appears on the screen. 3. Press the VOLUME ▲ or ▼ button to make vertical lines straight as shown below. 
HORIZONTAL POSITION (HPOS) VERTICAL POSITION (VPOS)	1. Call up the adjustment mode display, then select the item **HPOS** or **VPOS**. 2. Press the TV/VIDEO button on Remote until the white cross-bar or black cross-bar pattern appears on the screen. 3. Adjust the HORIZONTAL and VERTICAL position alternately by pressing the VOLUME ▲ or ▼ button for proper picture position. 4. Check the picture with off-air signal. 
HEIGHT (HIT)	1. Call up the adjustment mode display, then select the item **HIT**. 2. Press the VOLUME ▲ or ▼ button to get the picture so the top of raster begins to lack. 3. Press the VOLUME ▲ button to advance the data by 9 steps. Note : Check the vertical picture position is correct.
WHITE BALANCE (RCUT) (GCUT) (BCUT) (GDRV) (BDRV)	1. Adjust the CONTRAST control to the center, and BRIGHTNESS control to the maximum. 2. Call up the adjustment mode display, and press the TV/VIDEO button on Remote until the white and black pattern appears on the screen. 3. Adjust the following items with the CHANNEL ▲/▼ and VOLUME ▲/▼ buttons. Item : RCUT ⟶ Data : 40H Item : GCUT ⟶ Data : 40H Item : BCUT ⟶ Data : 40H Item : GDRV ⟶ Data : 40H Item : BDRV ⟶ Data : 40H 4. Press the TV/VIDEO button on TV to display a single horizontal line on the screen. 5. Turn the SCREEN control (FBT) fully counterclockwise and gradually rotate clockwise until the first horizontal line appears slightly on the screen. 6. Press the TV/VIDEO button to display the normal picture. 7. Adjust the remaining two "?CUT" items (CHANNEL ▲/▼ → TV/VIDEO → VOLUME ▲/▼ in order) to obtain the slightly lighted horizontal line in the same levels of three (red, green, blue) colors. The line should be white if the adjustments are proper.  Bright area Adjust "GDRV" or "BDRV" to be white. Dark area Fine adjust "RCUT", "GCUT" or "BCUT" to be black.

CIRCUIT CHECKS

HIGH VOLTAGE CHECK

CAUTION: There is no HIGH VOLTAGE ADJUSTMENT on this chassis. Checking should be done following the steps below.

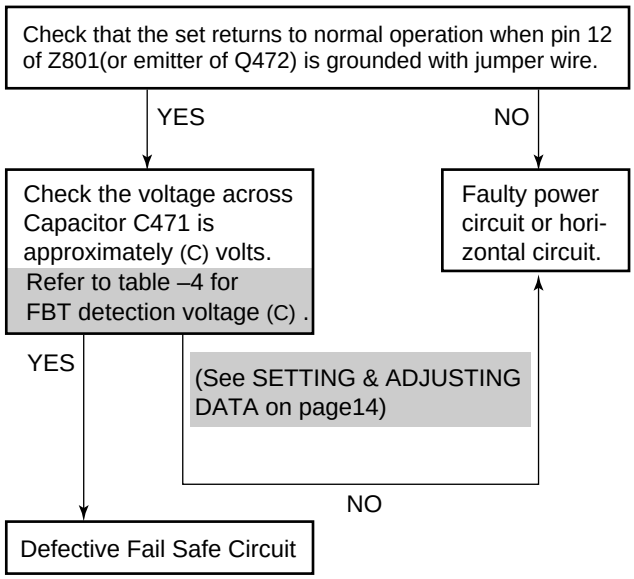
1. Connect an accurate high voltage meter to the second anode of the picture tube.
2. Turn on the receiver. Set the BRIGHTNESS and CONTRAST controls to minimum (zero beam current).
3. High voltage must be measured below (B) kV.
   Refer to table-1 for high voltage (B).
   (See SETTING & ADJUSTING DATA on page 14)
4. Vary the BRIGHTNESS control to both extremes to be sure the high voltage does not exceed the limit under any conditions.

FS CIRCUIT CHECK

The Fail Safe (FS) circuit check is indispensable for the final check in servicing. Checking should be done following the steps below.

1. Turn the receiver on and press the RESET button.
2. Temporarily short TP-(R) and TP-(X) with a jumper wire. Raster and sound will disappear.
3. The receiver must remain in this state even after removing the jumper wire. This is the evidence that the FS circuit is functioning properly.
4. To obtain a picture again, temporarily turn the receiver off and allow the FS circuit more than 5 seconds to reset. Then turn the power switch on to produce a normal picture.

Troubleshooting Guide for Fail Safe Circuit


Check that the set returns to normal operation when pin 12 of Z801(or emitter of Q472) is grounded with jumper wire.
YES
NO
Check the voltage across Capacitor C471 is approximately (C) volts.
Refer to table –4 for FBT detection voltage (C) .
Faulty power circuit or horizontal circuit.
YES
(See SETTING & ADJUSTING DATA on page14)
NO
Defective Fail Safe Circuit

CHAPTER 2 SPECIFIC INFORMATIONS

SETTING & ADJUSTING DATA

【 SAFETY INSTRUCTIONS 】

		36"
HIGH VOLTAGE AT ZERO BEAM:	(A)	32.7 kV
MAX HIGH VOLTAGE:	(B)	34.1 kV

Table-1

【 SERVICE MODE 】

ADJUSTING ITEMS AND DATAS IN THE SERVICE MODE:

Item	Name of adjustment	Preset	Data
RCUT	R CUTOFF	40H	←
GCUT	G CUTOFF	40H	←
BCUT	B CUTOFF	40H	←
GDRV	G DRIVE	40H	←
BDRV	B DRIVE	40H	←
BRTC	BRIGHT CENT	80H	←
TNTC	TINT CENT	44H	←
SCOL	SUB-COLOR	06H	←
SCNT	SUB-CONTRAST	10H	←
HIT	HEIGHT	45H	←
LIN	V-LINEARITY	11H	←
VSC	V-S CORRECTION	34H	←
VPS	V-SHIFT	04H	←
VCP	V-COMPENSATION	05H	←
WID	PICTURE WIDTH	28H	←
PARA	E-W PARABOLA	22H	←

Item	Name of adjustment	Preset	Data
CNR	E-W CORNER	12H	←
TRAP	TRAPEZIUM	39H	←
HCP	H-CONMPENSATION	06H	←
VFC	V-F CORRECTION	04H	←
HPOS	H-POSITION	3FH	←
BLKS	BLANKING START	—	←
BLKE	BLANKING END	—	←
GMPS	GMPS	40H	←
CPAR	CENTER PARA	—	←
PHUE	PIP TINT	40H	←
PCNT	PIP CONTRAST	12H	←
PCOL	PIP COLOR	19H	←
PYOF	PIP Y OFFSET	07H	←
PIOF	PIP I OFFSET	1DH	←
PQOF	PIP Q OFFSET	1DH	←
			←

Table-2

OPTION: (PROGRESSIVE 4:3 DV)

	OPT1 (2CAH)									OPT2(2CBH)								
MODELS	D7	D6	D5	D4	D3	D2	D1	D0	HEX	D7	D6	D5	D4	D3	D2	D1	D0	HEX
36HFX70	0	1	0	1	1	0	1	0	5AH	0	0	0	0	0	1	0	1	05H
36HF70	0	1	0	1	1	0	1	0	5AH	0	0	0	0	1	1	0	1	0DH

Item	Name of adjustment	Preset Data	Remarks
TVOP	MAIN TUNER for STOP SUB TUNIER for STOP Non-Signal Audio Mute (0: on 1: off)	D0H D1H D2H	

Table-3

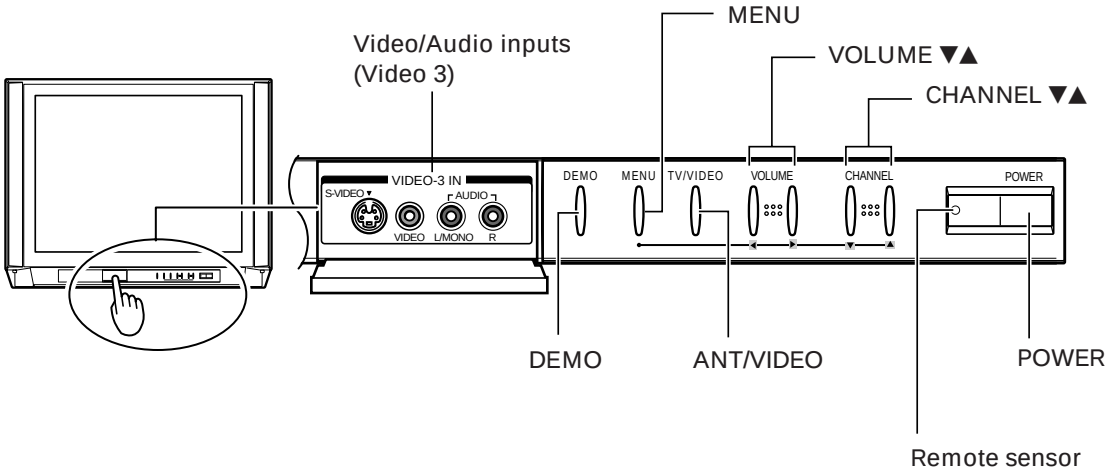
【 CIRCUIT CHECKS 】

FBT DETECTION VOLTAGE	(C)	18.9 V

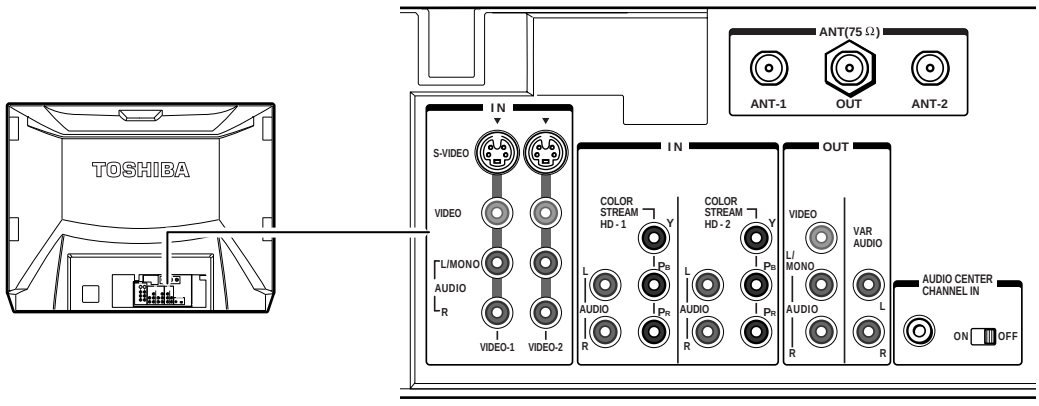
Table-4

LOCATION OF CONTROLS

TV Front



TV Rear



Remote Control

Power turns the TV on or off

SLEEP sets the TV to turn at a specific time

LIGHT The initial press of the LIGHT button causes two actions:

Channel Numbers (0–9, 100) allow direct access to channels

MODE cycles through the 6 device modes

FAVOURITE allows access to Multi-Window function

INFO allows access to Multi-Window function

MENU allows access to programming

ENTER sets programming menu information

▲▼◄► selects or adjusts programming menus

[FAV] ◄► selects your favourite channels

Volume ▲▼ adjusts the volume level

EXIT exits programming menus

Channel ▲▼ cycles through programmed channels

CH RTN returns to the last viewed channels

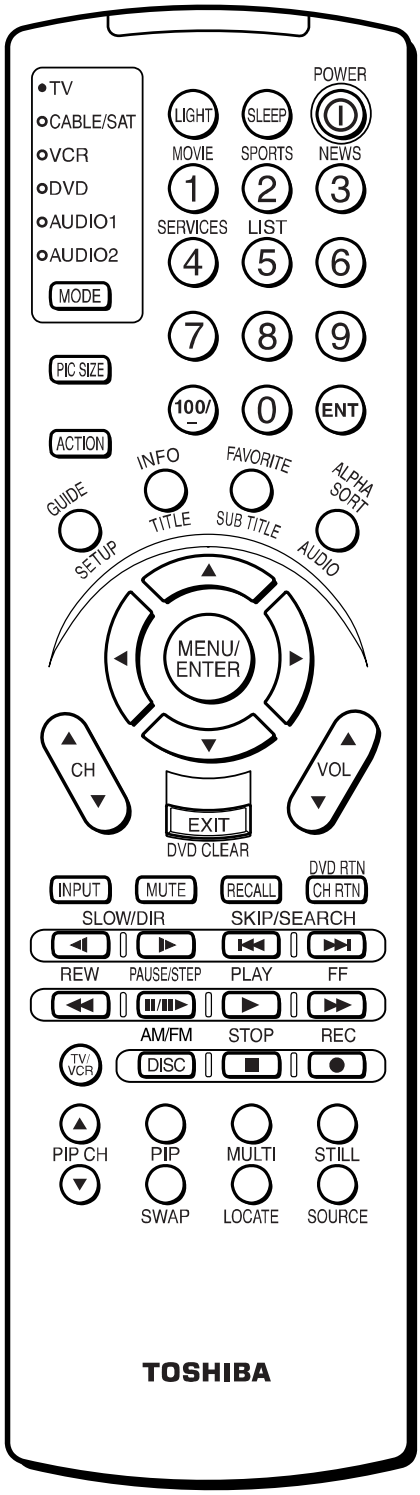
RECALL displays on-screen information

MUTE mutes the sound

INPUT selects video input source

PIP allows access to PIP functions

- **PIP** turns the PIP on or off
- **PIP CH ▲▼** selects the PIP channels
- **MULTI** allows access to Multi-Windows function
- **STILL** freezes the PIP
- **SOURCE** selects the PIP source
- **LOCATE** moves the PIP
- **SWAP** switches the PIP and main pictures



PROGRAMMING CHANNEL MEMORY

The channel memory is the list of TV channel numbers your TV will stop on when you press the CHANNEL ▲ or ▼ button.
First, use the TV/CABLE and CH PROGRAM functions to preset all active channels in your area automatically.
If necessary, arrange the preset channels with the ADD/ERASE functions so that you can tune into only desired channels.
Note: If you utilize both ANT-1 and ANT-2 terminals for some model, perform programming channels for each input source.

TV/CABLE function

1 Press **MENU**, then press ► or ◄ until the SET UP menu appears.

2 Press ▼ (or ▲) until "TV/CABLE" is highlighted.

3 Press ► or ◄ to highlight either "TV" or "CABLE", whichever you use.

CH PROGRAM function

1 Select "CH PROGRAM" following steps 1 and 2 above.

2 Press ► or ◄ to start channel programming.
The TV will automatically cycle through all the TV or CABLE channels selected by the TV/CABLE function, and store active channels in the channel memory.

3 When channel programming is complete, you will see the message to the right.

4 Press **CHANNEL** ▲ or ▼ to make sure the channel programming has been done properly.

ADD/ERASE function

After performing the CH PROGRAM function, you can add or erase specific channels.

1 Select the channel you want to erase using the CHANNEL ▲ or ▼ button, or select the channel you want to add using the **Channel Number** buttons.

2 Press **MENU**, then press ► or ◄ until the SET UP menu appears.

3 Press ▼ (or ▲) until "ADD/ERASE" is highlighted.

4 Press ► or ◄ :
To erase the channel
Press the button until "Erase" is highlighted.

To add the channel
Press the button until "Add" is highlighted.

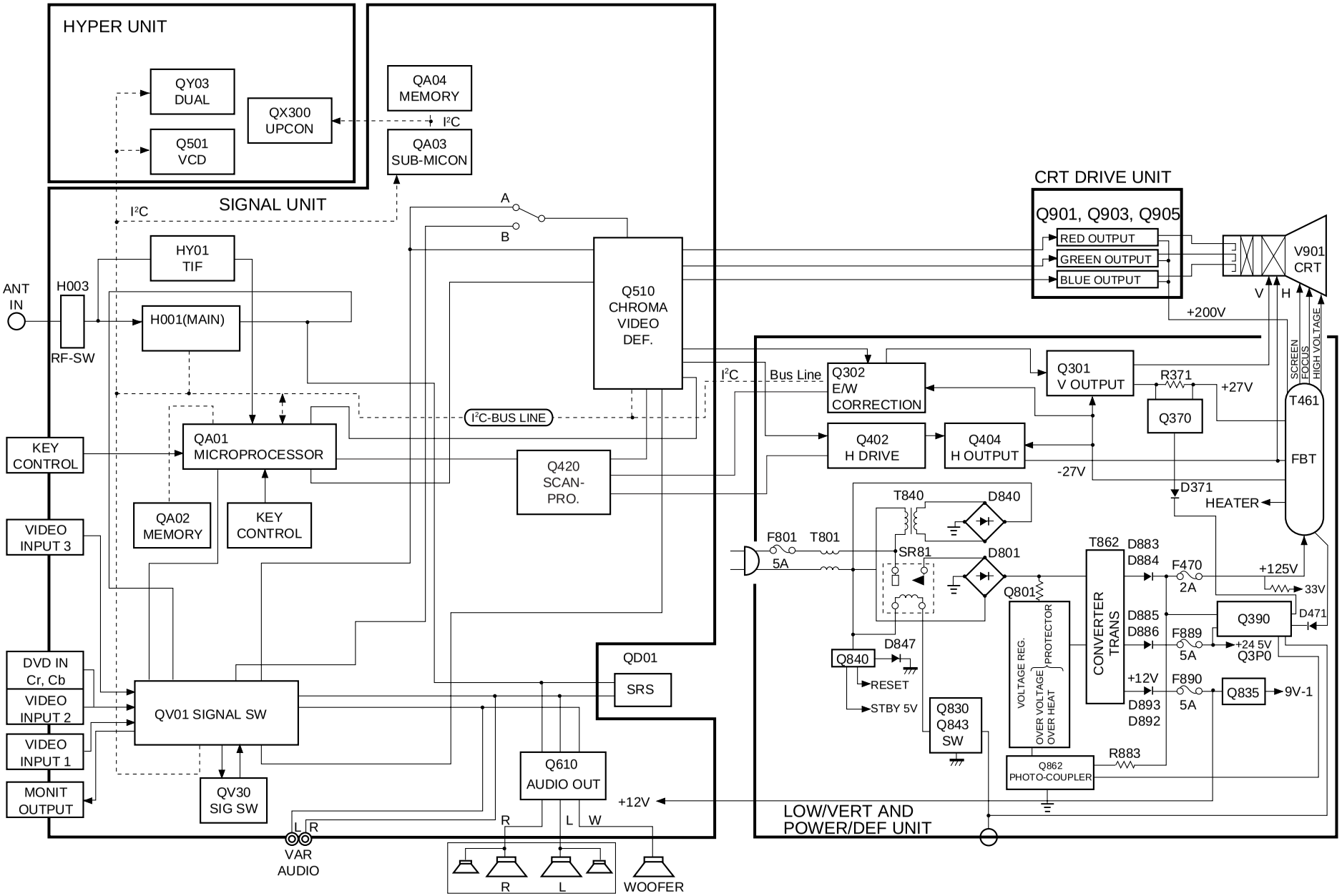
5 Repeat steps 1 to 4 for other channels.

You have now completed the channel programming.

Note: The CHANNEL ▼/▲ buttons on the TV function as the ▼/▲ buttons while a menu is on the screen.

* Please refer to owner's manual in detail.

CIRCUIT BLOCK DIAGRAM



CHASSIS AND CABINET REPLACEMENT PARTS LIST

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON PAGE 3 OF THIS MANUAL.

CAUTION: The international hazard symbols "⚠" in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE. Do not degrade the safety of the receiver through improper servicing.

NOTICE:
- *The part number must be used when ordering parts, in order to assist in processing, be sure to include the Model number and Description.*
- *The PC board assembly with ∗ mark is no longer available after the end of the production.*

Model : 36HFX70/36HF70

Capacitors	CD	:	Ceramic Disk	PF	:	Plastic Film	EL	: Electrolytic
Resistors	CF	:	Carbon Film	CC	:	Carbon Composition	MF	: Metal Film
	OMF	:	Oxide Metal Film	VR	:	Variable Resistor	FR	: Fusible Resistor

(All CD and PF capacitors are ±5%, 50V and all resistors, ±5%, 1/6W unless otherwise noted.)

Location No.	Part No.	Description
CAPACITORS		
C102	24763221	EL, 220μF, ±20%, 16V
C103	24109103	Chip, 0.01μF, ±10%, 25V
C105	24109102	Chip, 1000pF, ±10%
C106	24797479	EL, 4.7μF, ±20%, 50V
C107	24794221	EL, 220μF, ±20%, 16V
C112	24793101	EL, 100μF, ±20%, 10V
C115	24109103	Chip, 0.01μF, ±10%, 25V
C117	24794221	EL, 220μF, ±20%, 16V
C151	24109102	Chip, 1000pF, ±10%
C201	24092730	Chip, 0.1μF, ±10%, 16V
C205	24797229	EL, 2.2μF, ±20%, 50V
C206	24794220	EL, 22μF, ±20%, 16V
C303	24214471	CD, 470pF, ±10%, 500V
C304	24693473	PF, 0.047μF, 100V
C306	24795332	EL, 3300μF, ±20%, 25V
C308	24797221	EL, 220μF, ±20%, 50V
C310	24797222	EL, 2200μF, ±20%, 50V
C312	24591473	PF, 0.047μF
C313	24082057	PF, 0.22μF, 100V
C314	24793101	EL, 100μF, ±20%, 10V
C315	24206229	EL, 2.2μF, ±20%, 50V
C315	24212222	CD, 2200pF, ±10%
C318	24073041	EL, 470μF, ±20%, 16V
C319	24591103	PF, 0.01μF
C320	24797101	EL, 100μF, ±20%, 50V
C322	24617912	EL, 2.2μF, ±10%, 50V
C323	24538474	PF, 0.47μF
C325	24591203	PF, 0.02μF
C326	24212102	CD, 1000pF, ±10%
C327	24073041	EL, 470μF, ±20%, 16V
C352	24617915	EL, 1μF, ±10%, 50V
C361	24591473	PF, 0.047μF
C362	24503041	PF, 0.1μF, 63V
C370	24669101	EL, 100μF, ±20%, 50V
C371	24668100	EL, 10μF, ±20%, 35V
C391	24794100	EL, 10μF, ±20%, 16V
C392	24085961	EL, 10μF, ±20%, 50V, Non-Polar
C393	24794100	EL, 10μF, ±20%, 16V
C396	24082825	PF, 1800pF, ±3%, 1800V

Location No.	Part No.	Description
C402	24092463	Chip, 0.22μF, ±10%, 16V
C404	24206229	EL, 2.2μF, ±20%, 50V
C406	24109223	Chip, 0.022μF, ±10%, 25V
C410	24108221	Chip, 220pF
C410	24829563	PF, 0.056μF, 400V
C413	24214392	CD, 3900pF, ±10%, 500V
C415	24109103	Chip, 0.01μF, ±10%, 25V
C416	24676330	EL, 33μF, ±20%, 100V
C417	24214391	CD, 390pF, ±10%, 500V
C424	24763101	EL, 100μF, ±20%, 16V
C425	24763101	EL, 100μF, ±20%, 16V
⚠ C428	24082647	PF, 0.27μF, 400V
C430	24109103	Chip, 0.01μF, ±10%, 25V
C431	24763221	EL, 220μF, ±20%, 16V
C432	24567474	PF, 0.47μF
C434	24820332	PF, 0.0033μF, 630V
C435	24212101	CD, 100pF, ±10%
C436	24503041	PF, 0.1μF, 63V
C437	24082399	PF, 1600pF, ±3%, 1250V
C439	24829273	PF, 0.027μF, 400V
⚠ C440	24082592	PF, 1000pF, ±3%, 1800V
⚠ C442	24082648	PF, 0.3μF, 400V
⚠ C443	24082606	PF, 3900pF, ±3%, 1800V
⚠ C444	24082607	PF, 4300pF, ±3%, 1800V
C445	24095740	PF, 0.047μF, 400V
C446	24640020	EL, 33μF, ±20%, 250V
C448	24640962	EL, 33μF, ±20%, 200V
C449	24667471	EL, 470μF, ±20%, 25V
C450	24092344	CD, 820pF, ±10%, 2kV
C451	24092344	CD, 820pF, ±10%, 2kV
C452	24082597	PF, 1600pF, ±3%, 1800V
C461	24763101	EL, 100μF, ±20%, 16V
C463	24591223	PF, 0.022μF
C464	24640900	EL, 4.7μF, ±20%, 100V
⚠ C465	24082429	PF, 0.03μF, ±3%, 1250V
C466	24503041	PF, 0.1μF, 63V
⚠ C467	24082429	PF, 0.03μF, ±3%, 1250V
C468	24567474	PF, 0.47μF
⚠ C469	24082429	PF, 0.03μF, ±3%, 1250V
C470	24766220	EL, 22μF, ±20%, 50V
C471	24766479	EL, 4.7μF, ±20%, 50V

Location No.	Part No.	Description
C472	24567474	PF, 0.47μF
C475	24214102	CD, 1000pF, ±10%, 500V
C476	24214471	CD, 470pF, ±10%, 500V
C477	24666220	EL, 22μF, ±20%, 16V
C480	24794100	EL, 10μF, ±20%, 16V
C481	24214221	CD, 220pF, ±10%, 500V
C481	24794100	EL, 10μF, ±20%, 16V
C482	24109122	Chip, 1200pF, ±10%
C488	24666100	EL, 10μF, ±20%, 16V
⚠ C491	24082645	PF, 0.47μF, 400V
⚠ C492	24082645	PF, 0.47μF, 400V
C497	24829243	PF, 0.024μF, 400V
C499	24828823	PF, 0.082μF, 200V
C501	24109103	Chip, 0.01μF, ±10%, 25V
C502	24092730	Chip, 0.1μF, ±10%, 16V
C503	24203101	EL, 100μF, ±20%, 16V
C504	24109222	Chip, 2200pF, ±10%
C505	24108120	Chip, 12pF
C506	24108120	Chip, 12pF
C507	24108120	Chip, 12pF
C508	24100104	Chip, 0.1μF, +80%, -20%, 25V
C509	24203101	EL, 100μF, ±20%, 16V
C510	24092730	Chip, 0.1μF, ±10%, 16V
C511	24203101	EL, 100μF, ±20%, 16V
C512	24206228	EL, 0.22μF, ±20%, 50V
C513	24100104	Chip, 0.1μF, +80%, -20%, 25V
C513	24109103	Chip, 0.01μF, ±10%, 25V
C514	24203100	EL, 10μF, ±20%, 16V
C515	24100104	Chip, 0.1μF, +80%, -20%, 25V
C520	24591334	PF, 0.33μF
C524	24092730	Chip, 0.1μF, ±10%, 16V
C525	24092730	Chip, 0.1μF, ±10%, 16V
C526	24092730	Chip, 0.1μF, ±10%, 16V
C527	24092730	Chip, 0.1μF, ±10%, 16V
C528	24092730	Chip, 0.1μF, ±10%, 16V
C529	24092730	Chip, 0.1μF, ±10%, 16V
C530	24797010	EL, 1μF, ±20%, 50V
C531	24100104	Chip, 0.1μF, +80%, -20%, 25V
C532	24100104	Chip, 0.1μF, +80%, -20%, 25V
C533	24100104	Chip, 0.1μF, +80%, -20%, 25V
C534	24100104	Chip, 0.1μF, +80%, -20%, 25V
C535	24092730	Chip, 0.1μF, ±10%, 16V
C536	24100104	Chip, 0.1μF, +80%, -20%, 25V
C537	24100104	Chip, 0.1μF, +80%, -20%, 25V
C540	24100104	Chip, 0.1μF, +80%, -20%, 25V
C541	24100104	Chip, 0.1μF, +80%, -20%, 25V
C542	24100104	Chip, 0.1μF, +80%, -20%, 25V
C546	24100104	Chip, 0.1μF, +80%, -20%, 25V
C547	24109103	Chip, 0.01μF, ±10%, 25V
C560	24797010	EL, 1μF, ±20%, 50V
C561	24797010	EL, 1μF, ±20%, 50V
C562	24797010	EL, 1μF, ±20%, 50V
C563	24797010	EL, 1μF, ±20%, 50V
C564	24797010	EL, 1μF, ±20%, 50V
C565	24100104	Chip, 0.1μF, +80%, -20%, 25V
C566	24100104	Chip, 0.1μF, +80%, -20%, 25V
C567	24100104	Chip, 0.1μF, +80%, -20%, 25V
C573	24109103	Chip, 0.01μF, ±10%, 25V
C574	24109103	Chip, 0.01μF, ±10%, 25V
C612	24668101	EL, 100μF, ±20%, 35V
C621	24206479	EL, 4.7μF, ±20%, 50V
C622	24206108	EL, 0.1μF, ±20%, 50V
C623	24109472	Chip, 4700pF, ±10%
C624	24206479	EL, 4.7μF, ±20%, 50V

Location No.	Part No.	Description
C625	24206479	EL, 4.7μF, ±20%, 50V
C626	24206479	EL, 4.7μF, ±20%, 50V
C627	24206479	EL, 4.7μF, ±20%, 50V
C628	24206100	EL, 10μF, ±20%, 50V
C629	24206100	EL, 10μF, ±20%, 50V
C630	24206108	EL, 0.1μF, ±20%, 50V
C631	24109472	Chip, 4700pF, ±10%
C632	24794470	EL, 47μF, ±20%, 16V
C633	24567224	PF, 0.22μF
C634	24206100	EL, 10μF, ±20%, 50V
C635	24203220	EL, 22μF, ±20%, 16V
C636	24206479	EL, 4.7μF, ±20%, 50V
C637	24206100	EL, 10μF, ±20%, 50V
C638	24794101	EL, 100μF, ±20%, 16V
C639	24109103	Chip, 0.01μF, ±10%, 25V
C640	24109273	Chip, 0.027μF, ±10%, 25V
C641	24109822	Chip, 8200pF, ±10%, 25V
C642	24206100	EL, 10μF, ±20%, 50V
C643	24206479	EL, 4.7μF, ±20%, 50V
C644	24206339	EL, 3.3μF, ±20%, 50V
C645	24109333	Chip, 0.033μF, ±10%, 25V
C646	24109153	Chip, 0.015μF, ±10%, 25V
C647	24092729	Chip, 0.068μF, ±10%, 16V (36HFX70)
C647	24092748	Chip, 0.056μF, ±10%, 16V (36HF70)
C648	24092748	Chip, 0.056μF, ±10%, 16V
C649	24109273	Chip, 0.027μF, ±10%, 25V
C650	24109822	Chip, 8200pF, ±10%, 25V
C651	24109103	Chip, 0.01μF, ±10%, 25V
C652	24109103	Chip, 0.01μF, ±10%, 25V
C653	24100103	Chip, 0.01μF, +80%, -20%
C654	24763101	EL, 100μF, ±20%, 16V
C661	24109102	Chip, 1000pF, ±10%
C662	24109102	Chip, 1000pF, ±10%
C664	24794220	EL, 22μF, ±20%, 16V (36HFX70)
C664	24797220	EL, 22μF, ±20%, 50V (36HF70)
C665	24794100	EL, 10μF, ±20%, 16V
C671	24669479	EL, 4.7μF, ±20%, 50V (36HFX70)
C672	24669479	EL, 4.7μF, ±20%, 50V
C673	24669010	EL, 1μF, ±20%, 50V
C676	24503041	PF, 0.1μF, 63V
C677	24503041	PF, 0.1μF, 63V
C678	24669010	EL, 1μF, ±20%, 50V
C679	24667470	EL, 47μF, ±20%, 25V
C680	24109473	Chip, 0.047μF, ±10%, 25V (36HFX70)
C681	24668102	EL, 1000μF, ±20%, 35V (36HF70)
C681	24668471	EL, 470μF, ±20%, 35V
C682	24668102	EL, 1000μF, ±20%, 35V
C683	24668471	EL, 470μF, ±20%, 35V (36HFX70)
C683	24668102	EL, 1000μF, ±20%, 35V (36HF70)
C684	24668102	EL, 1000μF, ±20%, 35V (36HFX70)
C686	24503041	PF, 0.1μF, 63V
C686	24503041	PF, 0.1μF, 63V (36HFX70)
C704	24591822	PF, 8200pF
C705	24232103	CD, 0.01μF, +80%, -20%
C707	24794470	EL, 47μF, ±20%, 16V

Location No.	Part No.	Description
C712	24666470	EL, 47μF, ±20%, 16V
C713	24709100	EL, 10μF, ±20%, 200V
C714	24436101	CD, 100pF
C715	24214472	CD, 4700pF, ±10%, 500V
C716	24436101	CD, 100pF
C717	24214472	CD, 4700pF, ±10%, 500V
C718	24766470	EL, 47μF, ±20%, 50V
C719	24435560	CD, 56pF, 500V
C720	24709100	EL, 10μF, ±20%, 200V
C721	24797470	EL, 47μF, ±20%, 50V
C722	24436820	CD, 82pF
C726	24212102	CD, 1000pF, ±10%
C801	24095670	PF, 0.22μF, ±20%, AC125V
C802	24095679	PF, 0.1μF, ±20%, AC125V
C805	24092623	CD, 0.01μF, +80%, -20%, AC250V
C806	24092623	CD, 0.01μF, +80%, -20%, AC250V
C807	24214103	CD, 0.01μF, ±10%, 500V
C810	24086933	EL, 1000μF, ±20%, 200V
C810A	23960136	Adhesive, TSE3843-W
C811	24092597	CD, 4700pF, ±20%, AC250V
C812	24092597	CD, 4700pF, ±20%, AC250V
C813	24092598	CD, 0.01μF, ±20%, AC250V
C814	24092598	CD, 0.01μF, ±20%, AC250V
C830	24567334	PF, 0.33μF
C831	24567334	PF, 0.33μF
C832	24567334	PF, 0.33μF
C833	24567334	PF, 0.33μF
C834	24794102	EL, 1000μF, ±20%, 16V
C835	24567334	PF, 0.33μF
C836	24567334	PF, 0.33μF
C837	24503041	PF, 0.1μF, 63V
C838	24617026	EL, 820μF, ±20%, 16V
C840	24667102	EL, 1000μF, ±20%, 25V
C841	24503041	PF, 0.1μF, 63V
C842	24792101	EL, 100μF, ±20%, 6.3V
C843	24503041	PF, 0.1μF, 63V
C844	24503041	PF, 0.1μF, 63V
C846	24214331	CD, 330pF, ±10%, 500V
C846	24567334	PF, 0.33μF
C847	24669339	EL, 3.3μF, ±20%, 50V
C848	24794102	EL, 1000μF, ±20%, 16V
C849	24794470	EL, 47μF, ±20%, 16V
C860	24214103	CD, 0.01μF, ±10%, 500V
C862	24435221	CD, 220pF, 500V
C863	24503041	PF, 0.1μF, 63V
C864	24092347	CD, 1500pF, ±10%, 2kV
C865	24092347	CD, 1500pF, ±10%, 2kV
C866	24669010	EL, 1μF, ±20%, 50V
C867	24591682	PF, 6800pF
C868	24668470	EL, 47μF, ±20%, 35V
C869	24678229	EL, 2.2μF, ±20%, 200V
C870	24820184	PF, 0.18μF, 630V
C871	24092347	CD, 1500pF, ±10%, 2kV
C873	24567224	PF, 0.22μF
C874	24435221	CD, 220pF, 500V
C876	24503041	PF, 0.1μF, 63V
C877	24092347	CD, 1500pF, ±10%, 2kV
C879	24212101	CD, 100pF, ±10%
C881	24214471	CD, 470pF, ±10%, 500V
C882	24214471	CD, 470pF, ±10%, 500V
C884	24086049	EL, 330μF, ±20%, 160V
C885	24214471	CD, 470pF, ±10%, 500V

Location No.	Part No.	Description
C886	24214471	CD, 470pF, ±10%, 500V
C889	24668332	EL, 3300μF, ±20%, 35V
C891	24082229	PF, 0.1μF, ±10%, 250V
C893	24092335	CD, 150pF, ±10%, 2kV
C894	24092335	CD, 150pF, ±10%, 2kV
C895	24796471	EL, 470μF, ±20%, 35V
C896	24214471	CD, 470pF, ±10%, 500V
C897	24617044	EL, 2200μF, ±20%, 35V
C898	24503041	PF, 0.1μF, 63V
C899	24214471	CD, 470pF, ±10%, 500V
C902	24092353	CD, 4700pF, ±10%, 2kV
C904	24436471	CD, 470pF
C905	24436391	CD, 390pF
C907	24436561	CD, 560pF
C909	24679220	EL, 22μF, ±20%, 250V
C910	24669478	EL, 0.47μF, ±20%, 50V
C911	24203100	EL, 10μF, ±20%, 16V
C912	24073042	EL, 1000μF, ±20%, 16V
C913	24666102	EL, 1000μF, ±20%, 16V
C914	24232103	CD, 0.01μF, +80%, -20%
C918	24503041	PF, 0.1μF, 63V
C919	24503041	PF, 0.1μF, 63V
C920	24503041	PF, 0.1μF, 63V
C921	24503041	PF, 0.1μF, 63V
C922	24436390	CD, 39pF
C923	24794470	EL, 47μF, ±20%, 16V
C924	24794470	EL, 47μF, ±20%, 16V
C925	24794470	EL, 47μF, ±20%, 16V
C931	24214101	CD, 100pF, ±10%, 500V
C2061	24100104	Chip, 0.1μF, +80%, -20%, 25V
C2102	24105100	Chip, 10pF, ±0.5pF
C2103	24105100	Chip, 10pF, ±0.5pF
C2104	24105100	Chip, 10pF, ±0.5pF
C2110	24109103	Chip, 0.01μF, ±10%, 25V
C3110	24085988	EL, 1.0μF, ±20%, 50V, Non-Polar
C4030	24109103	Chip, 0.01μF, ±10%, 25V
C4404	24100104	Chip, 0.1μF, +80%, -20%, 25V
C4405	24100104	Chip, 0.1μF, +80%, -20%, 25V
C4406	24109103	Chip, 0.01μF, ±10%, 25V
C4407	24766010	EL, 1μF, ±20%, 50V
C4408	24109103	Chip, 0.01μF, ±10%, 25V
C4421	24085988	EL, 1.0μF, ±20%, 50V, Non-Polar
C4426	24763331	EL, 330μF, ±20%, 16V
C4427	24085988	EL, 1.0μF, ±20%, 50V, Non-Polar
C4461	24539184	PF, 0.18μF
C4463	24567224	PF, 0.22μF
C4464	24766479	EL, 4.7μF, ±20%, 50V
C4699	24668222	EL, 2200μF, ±20%, 35V
C4816	24669010	EL, 1μF, ±20%, 50V
C4817	24590102	PF, 1000pF
C4818	24503041	PF, 0.1μF, 63V
C4819	24567684	PF, 0.68μF
C5020	24109103	Chip, 0.01μF, ±10%, 25V
C5030	24794101	EL, 100μF, ±20%, 16V
C5088	24797010	EL, 1μF, ±20%, 50V
C5090	24794101	EL, 100μF, ±20%, 16V
C5280	24105101	Chip, 100pF
C8601	24214103	CD, 0.01μF, ±10%, 500V
CA04	24105101	Chip, 100pF
CA10	24105101	Chip, 100pF
CA13	24105221	Chip, 220pF

Location No.	Part No.	Description
CA20	24105181	Chip, 180pF
CA21	24092538	Chip, 1μF, +80%, -20%, 10V
CA22	24100103	Chip, 0.01μF, +80%, -20%
CA23	24105181	Chip, 180pF
CA24	24092538	Chip, 1μF, +80%, -20%, 10V
CA25	24794100	EL, 10μF, ±20%, 16V
CA26	24092538	Chip, 1μF, +80%, -20%, 10V
CA27	24092538	Chip, 1μF, +80%, -20%, 10V
CA29	24105221	Chip, 220pF
CA30	24105101	Chip, 100pF
CA45	24794100	EL, 10μF, ±20%, 16V
CA49	24794100	EL, 10μF, ±20%, 16V
CA52	24109272	Chip, 2700pF, ±10%
CA53	24100103	Chip, 0.01μF, +80%, -20%
CA54	24100104	Chip, 0.1μF, +80%, -20%, 25V
CA57	24105101	Chip, 100pF
CA58	24794100	EL, 10μF, ±20%, 16V
CA59	24100103	Chip, 0.01μF, +80%, -20%
CA60	24105101	Chip, 100pF
CA61	24794220	EL, 22μF, ±20%, 16V
CA62	24100103	Chip, 0.01μF, +80%, -20%
CA71	24105101	Chip, 100pF
CA72	24085946	EL, 10μF, ±20%, 16V, Non-Polar
CA95	24100103	Chip, 0.01μF, +80%, -20%
CA98	24797220	EL, 22μF, ±20%, 50V
CB01	24794470	EL, 47μF, ±20%, 16V
CB11	24100103	Chip, 0.01μF, +80%, -20%
CB12	24794100	EL, 10μF, ±20%, 16V
CB13	24085946	EL, 10μF, ±20%, 16V, Non-Polar
CB14	24105101	Chip, 100pF
CB15	24794100	EL, 10μF, ±20%, 16V
CB33	24100103	Chip, 0.01μF, +80%, -20%
CB37	24105101	Chip, 100pF
CB38	24105101	Chip, 100pF
CB40	24797010	EL, 1μF, ±20%, 50V
CB41	24109102	Chip, 1000pF, ±10%
CB42	24105561	Chip, 56pF
CB42	24232103	CD, 0.01μF, +80%, -20%
CB43	24109122	Chip, 1200pF, ±10%
CB44	24797100	EL, 10μF, ±20%, 50V
CB45	24100103	Chip, 0.01μF, +80%, -20%
CB46	24794100	EL, 10μF, ±20%, 16V
CB47	24100103	Chip, 0.01μF, +80%, -20%
CB48	24100103	Chip, 0.01μF, +80%, -20%
CB90	24100103	Chip, 0.01μF, +80%, -20%
CD01	24206478	EL, 0.47μF, ±20%, 50V
CD02	24206478	EL, 0.47μF, ±20%, 50V
CD03	24503041	PF, 0.1μF, 63V
CD05	24567103	PF, 0.01μF
CD06	24206478	EL, 0.47μF, ±20%, 50V
CD07	24591472	PF, 4700pF
CD08	24206478	EL, 0.47μF, ±20%, 50V
CD10	24503041	PF, 0.1μF, 63V
CD11	24203100	EL, 10μF, ±20%, 16V
CD12	24203100	EL, 10μF, ±20%, 16V
CD13	24666101	EL, 100μF, ±20%, 16V
CD15	24761102	EL, 1000μF, ±20%, 6.3V
CD16	24206479	EL, 4.7μF, ±20%, 50V
CM01	24100104	Chip, 0.1μF, +80%, -20%, 25V
CM02	24100104	Chip, 0.1μF, +80%, -20%, 25V
CM07	24100104	Chip, 0.1μF, +80%, -20%, 25V
CM08	24100104	Chip, 0.1μF, +80%, -20%, 25V

Location No.	Part No.	Description
CM09	24100104	Chip, 0.1μF, +80%, -20%, 25V
CR12	24100104	Chip, 0.1μF, +80%, -20%, 25V
CR13	24100104	Chip, 0.1μF, +80%, -20%, 25V
CR14	24100104	Chip, 0.1μF, +80%, -20%, 25V
CR90	24100104	Chip, 0.1μF, +80%, -20%, 25V
CS03	24105221	Chip, 220pF
CS04	24797010	EL, 1μF, ±20%, 50V
CS07	24105221	Chip, 220pF
CS08	24797010	EL, 1μF, ±20%, 50V
CS09	24105331	Chip, 330pF
CS10	24797229	EL, 2.2μF, ±20%, 50V
CS11	24797010	EL, 1μF, ±20%, 50V
CS12	24105221	Chip, 220pF
CS13	24797010	EL, 1μF, ±20%, 50V
CS14	24105221	Chip, 220pF
CS15	24105331	Chip, 330pF
CS16	24797229	EL, 2.2μF, ±20%, 50V
CS21	24105101	Chip, 100pF
CS22	24105101	Chip, 100pF
CS24	24105331	Chip, 330pF
CS25	24797229	EL, 2.2μF, ±20%, 50V
CS28	24105331	Chip, 330pF
CS29	24105331	Chip, 330pF
CS30	24797229	EL, 2.2μF, ±20%, 50V
CS32	24794100	EL, 10μF, ±20%, 16V
CS33	24794100	EL, 10μF, ±20%, 16V
CS34	24105331	Chip, 330pF
CS35	24797229	EL, 2.2μF, ±20%, 50V
CS36	24797229	EL, 2.2μF, ±20%, 50V
CS51	24797229	EL, 2.2μF, ±20%, 50V
CS52	24797229	EL, 2.2μF, ±20%, 50V
CS53	24797229	EL, 2.2μF, ±20%, 50V
CS54	24797229	EL, 2.2μF, ±20%, 50V
CS55	24105331	Chip, 330pF
CS56	24105331	Chip, 330pF
CS57	24105331	Chip, 330pF
CS58	24105331	Chip, 330pF
CS115	24797010	EL, 1μF, ±20%, 50V
CS116	24797010	EL, 1μF, ±20%, 50V
CS118	24794470	EL, 47μF, ±20%, 16V
CS119	24797010	EL, 1μF, ±20%, 50V
CS120	24797010	EL, 1μF, ±20%, 50V
CS121	24797010	EL, 1μF, ±20%, 50V
CS122	24797101	EL, 100μF, ±20%, 50V (36HF70)
CS123	24797470	EL, 47μF, ±20%, 50V (36HF70)
CS124	24797220	EL, 22μF, ±20%, 50V (36HF70)
CS125	24590103	PF, 0.01μF (36HF70)
CV01	24794100	EL, 10μF, ±20%, 16V
CV02	24100103	Chip, 0.01μF, +80%, -20%
CV04	24794100	EL, 10μF, ±20%, 16V
CV05	24794100	EL, 10μF, ±20%, 16V
CV07	24794100	EL, 10μF, ±20%, 16V
CV08	24763102	EL, 1000μF, ±20%, 16V
CV11	24232103	CD, 0.01μF, +80%, -20%
CV12	24232103	CD, 0.01μF, +80%, -20%
CV12	24794100	EL, 10μF, ±20%, 16V
CV18	24794100	EL, 10μF, ±20%, 16V
CV21	24794100	EL, 10μF, ±20%, 16V
CV22	24794100	EL, 10μF, ±20%, 16V
CV23	24100103	Chip, 0.01μF, +80%, -20%
CV24	24109102	Chip, 1000pF, ±10%
CV27	24762471	EL, 470μF, ±20%, 10V
CV29	24794101	EL, 100μF, ±20%, 16V

Location No.	Part No.	Description
CV30	24100103	Chip, 0.01μF, +80%, -20%
CV37	24794470	EL, 47μF, ±20%, 16V
CV39	24109102	Chip, 1000pF, ±10%
CV60	24794470	EL, 47μF, ±20%, 16V
CV62	24100103	Chip, 0.01μF, +80%, -20%
CV63	24100103	Chip, 0.01μF, +80%, -20%
CV69	24100104	Chip, 0.1μF, +80%, -20%, 25V
CV75	24109102	Chip, 1000pF, ±10%
CV100	24763101	EL, 100μF, ±20%, 16V
CV120	24794100	EL, 10μF, ±20%, 16V
CV130	24794470	EL, 47μF, ±20%, 16V
CV135	24794470	EL, 47μF, ±20%, 16V
CV136	24794470	EL, 47μF, ±20%, 16V
CV242	24794100	EL, 10μF, ±20%, 16V
CV244	24100103	Chip, 0.01μF, +80%, -20%
CV245	24794470	EL, 47μF, ±20%, 16V
CV246	24100103	Chip, 0.01μF, +80%, -20%
CV247	24794470	EL, 47μF, ±20%, 16V
CV248	24794470	EL, 47μF, ±20%, 16V
CV249	24794100	EL, 10μF, ±20%, 16V
CV261	24100103	Chip, 0.01μF, +80%, -20%
CV262	24794470	EL, 47μF, ±20%, 16V
CV263	24794100	EL, 10μF, ±20%, 16V
CV265	24100103	Chip, 0.01μF, +80%, -20%
CV266	24794470	EL, 47μF, ±20%, 16V
CV267	24794100	EL, 10μF, ±20%, 16V
CV268	24100103	Chip, 0.01μF, +80%, -20%
CV269	24794470	EL, 47μF, ±20%, 16V
CV270	24794100	EL, 10μF, ±20%, 16V
CV271	24100103	Chip, 0.01μF, +80%, -20%
CV272	24794470	EL, 47μF, ±20%, 16V
CV273	24794100	EL, 10μF, ±20%, 16V
CV274	24100103	Chip, 0.01μF, +80%, -20%
CV275	24794470	EL, 47μF, ±20%, 16V
CV391	24109102	Chip, 1000pF, ±10%
CV401	24794101	EL, 100μF, ±20%, 16V
CV411	24100103	Chip, 0.01μF, +80%, -20%
CV421	24794330	EL, 33μF, ±20%, 16V
CV441	24105470	Chip, 47pF
CV451	24105220	Chip, 22pF
CV501	24203101	EL, 100μF, ±20%, 16V
CV503	24203100	EL, 10μF, ±20%, 16V
CV505	24109103	Chip, 0.01μF, ±10%, 25V
CV611	24794470	EL, 47μF, ±20%, 16V
CX102	24092441	Chip, 1μF, +80%, -20%, 16V
CX103	24203330	EL, 33μF, ±20%, 16V
CX104	24092441	Chip, 1μF, +80%, -20%, 16V
CX105	24666101	EL, 100μF, ±20%, 16V
CX106	24105181	Chip, 180pF
CX107	24105820	Chip, 820pF
CX108	24105121	Chip, 120pF
CX109	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX112	24092463	Chip, 0.22μF, ±10%, 16V
CX113	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX114	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX115	24202220	EL, 22μF, ±20%, 10V
CX116	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX132	24092441	Chip, 1μF, +80%, -20%, 16V
CX133	24203330	EL, 33μF, ±20%, 16V
CX134	24092441	Chip, 1μF, +80%, -20%, 16V
CX136	24105121	Chip, 120pF
CX137	24105151	Chip, 150pF
CX138	24105471	Chip, 470pF
CX142	24092616	Chip, 0.33μF, ±10%, 16V

Location No.	Part No.	Description
CX145	24202220	EL, 22μF, ±20%, 10V
CX146	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX162	24092441	Chip, 1μF, +80%, -20%, 16V
CX163	24203330	EL, 33μF, ±20%, 16V
CX164	24092441	Chip, 1μF, +80%, -20%, 16V
CX166	24105121	Chip, 120pF
CX167	24105151	Chip, 150pF
CX168	24105331	Chip, 330pF
CX172	24092616	Chip, 0.33μF, ±10%, 16V
CX175	24202220	EL, 22μF, ±20%, 10V
CX176	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX191	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX192	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX193	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX195	24105100	Chip, 10pF, ±0.5pF
CX196	24105100	Chip, 10pF, ±0.5pF
CX211	24092538	Chip, 1μF, +80%, -20%, 10V
CX222	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX223	24669010	EL, 1μF, ±20%, 50V
CX224	24109103	Chip, 0.01μF, ±10%, 25V
CX225	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX226	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX242	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX243	24666100	EL, 10μF, ±20%, 16V
CX244	24092730	Chip, 0.1μF, ±10%, 16V
CX245	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX246	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX301	24763221	EL, 220μF, ±20%, 16V
CX303	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX306	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX311	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX313	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX315	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX317	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX319	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX320	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX321	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX322	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX323	24092538	Chip, 1μF, +80%, -20%, 10V
CX326	24092538	Chip, 1μF, +80%, -20%, 10V
CX327	24105470	Chip, 47pF
CX328	24092730	Chip, 0.1μF, ±10%, 16V
CX329	24092730	Chip, 0.1μF, ±10%, 16V
CX331	24092538	Chip, 1μF, +80%, -20%, 10V
CX332	24105330	Chip, 33pF
CX333	24092730	Chip, 0.1μF, ±10%, 16V
CX334	24092730	Chip, 0.1μF, ±10%, 16V
CX341	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX342	24092730	Chip, 0.1μF, ±10%, 16V
CX343	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX344	24092730	Chip, 0.1μF, ±10%, 16V
CX345	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX346	24092730	Chip, 0.1μF, ±10%, 16V
CX354	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX361	24766470	EL, 47μF, ±20%, 50V
CX364	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX366	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX368	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX372	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX399	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX471	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX473	24092538	Chip, 1μF, +80%, -20%, 10V
CX521	24105820	Chip, 820pF
CX522	24105560	Chip, 56pF

Location No.	Part No.	Description
CX523	24105270	Chip, 27pF
CX531	24105101	Chip, 100pF
CX532	24105330	Chip, 33pF
CX541	24105101	Chip, 100pF
CX542	24105330	Chip, 33pF
CX562	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX564	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX811	24105330	Chip, 33pF
CX812	24105330	Chip, 33pF
CX821	24105101	Chip, 100pF
CX822	24105101	Chip, 100pF
CX823	24105101	Chip, 100pF
CX824	24105221	Chip, 220pF
CX825	24105221	Chip, 220pF
CX826	24105221	Chip, 220pF
CX827	24105221	Chip, 220pF
CX829	24105221	Chip, 220pF
CX844	24105221	Chip, 220pF
CX845	24105221	Chip, 220pF
CX891	24100104	Chip, 0.1μF, +80%, -20%, 25V
CX904	24109103	Chip, 0.01μF, ±10%, 25V
CY21	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY22	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY23	24763221	EL, 220μF, ±20%, 16V
CY24	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY25	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY26	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY27	24092730	Chip, 0.1μF, ±10%, 16V
CY28	24092730	Chip, 0.1μF, ±10%, 16V
CY29	24092730	Chip, 0.1μF, ±10%, 16V
CY32	24762102	EL, 1000μF, ±20%, 10V
CY33	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY35	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY36	24108120	Chip, 12pF
CY37	24108120	Chip, 12pF
CY38	24108120	Chip, 12pF
CY39	24206228	EL, 0.22μF, ±20%, 50V
CY40	24109222	Chip, 2200pF, ±10%
CY41	24109103	Chip, 0.01μF, ±10%, 25V
CY42	24206229	EL, 2.2μF, ±20%, 50V
CY43	24092463	Chip, 0.22μF, ±10%, 16V
CY44	24206229	EL, 2.2μF, ±20%, 50V
CY45	24109223	Chip, 0.022μF, ±10%, 25V
CY105	24108221	Chip, 220pF
CY120	24092538	Chip, 1μF, +80%, -20%, 10V
CY121	24108101	Chip, 100pF
CY122	24092538	Chip, 1μF, +80%, -20%, 10V
CY132	24092730	Chip, 0.1μF, ±10%, 16V
CY133	24092730	Chip, 0.1μF, ±10%, 16V
CY134	24092730	Chip, 0.1μF, ±10%, 16V
CY149	24108330	Chip, 33pF
CY155	24792101	EL, 100μF, ±20%, 6.3V
CY157	24108330	Chip, 33pF
CY158	24108330	Chip, 33pF
CY160	24092538	Chip, 1μF, +80%, -20%, 10V
CY162	24092538	Chip, 1μF, +80%, -20%, 10V
CY163	24092538	Chip, 1μF, +80%, -20%, 10V
CY164	24092538	Chip, 1μF, +80%, -20%, 10V
CY165	24092538	Chip, 1μF, +80%, -20%, 10V
CY166	24202221	EL, 220μF, ±20%, 10V
CY167	24092538	Chip, 1μF, +80%, -20%, 10V
CY168	24092538	Chip, 1μF, +80%, -20%, 10V
CY169	24092538	Chip, 1μF, +80%, -20%, 10V
CY170	24100104	Chip, 0.1μF, +80%, -20%, 25V

Location No.	Part No.	Description
CY171	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY172	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY173	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY174	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY175	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY176	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY177	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY178	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY179	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY180	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY181	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY182	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY183	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY184	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY185	24761471	EL, 470μF, ±20%, 6.3V
CY186	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY189	24092293	Chip, 0.1μF, +80%, -20%, 25V
CY202	24092730	Chip, 0.1μF, ±10%, 16V
CY203	24092730	Chip, 0.1μF, ±10%, 16V
CY204	24092730	Chip, 0.1μF, ±10%, 16V
CY205	24108101	Chip, 100pF
CY206	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY207	24202101	EL, 100μF, ±20%, 10V
CY251	24109472	Chip, 4700pF, ±10%
CY252	24109472	Chip, 4700pF, ±10%
CY253	24109472	Chip, 4700pF, ±10%
CY254	24109472	Chip, 4700pF, ±10%
CY255	24109472	Chip, 4700pF, ±10%
CY256	24109472	Chip, 4700pF, ±10%
CY257	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY300	24201101	EL, 100μF, 6.3V
CY301	24092538	Chip, 1μF, +80%, -20%, 10V
CY304	24203100	EL, 10μF, ±20%, 16V
CY305	24092730	Chip, 0.1μF, ±10%, 16V
CY307	24108330	Chip, 33pF
CY308	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY330	24201101	EL, 100μF, 6.3V
CY331	24092538	Chip, 1μF, +80%, -20%, 10V
CY332	24092538	Chip, 1μF, +80%, -20%, 10V
CY333	24201101	EL, 100μF, 6.3V
CY334	24203100	EL, 10μF, ±20%, 16V
CY335	24092730	Chip, 0.1μF, ±10%, 16V
CY337	24108330	Chip, 33pF
CY338	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY339	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY340	24201101	EL, 100μF, 6.3V
CY341	24092538	Chip, 1μF, +80%, -20%, 10V
CY344	24203100	EL, 10μF, ±20%, 16V
CY345	24092730	Chip, 0.1μF, ±10%, 16V
CY347	24108330	Chip, 33pF
CY348	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY400	24797100	EL, 10μF, ±20%, 50V
CY439	24108330	Chip, 33pF
CY440	24108330	Chip, 33pF
CY501	24203101	EL, 100μF, ±20%, 16V
CY502	24203100	EL, 10μF, ±20%, 16V
CY505	24109103	Chip, 0.01μF, ±10%, 25V
CY511	24108101	Chip, 100pF
CY515	24092730	Chip, 0.1μF, ±10%, 16V
CY519	24092730	Chip, 0.1μF, ±10%, 16V
CY671	24092730	Chip, 0.1μF, ±10%, 16V
CY672	24092730	Chip, 0.1μF, ±10%, 16V
CY673	24761471	EL, 470μF, ±20%, 6.3V
CY674	24092730	Chip, 0.1μF, ±10%, 16V

Location No.	Part No.	Description
CY675	24092730	Chip, 0.1μF, ±10%, 16V
CY702	24092730	Chip, 0.1μF, ±10%, 16V
CY703	24092730	Chip, 0.1μF, ±10%, 16V
CY711	24092730	Chip, 0.1μF, ±10%, 16V
CY712	24092730	Chip, 0.1μF, ±10%, 16V
CY713	24092730	Chip, 0.1μF, ±10%, 16V
CY720	24092730	Chip, 0.1μF, ±10%, 16V
CY721	24092730	Chip, 0.1μF, ±10%, 16V
CY722	24092730	Chip, 0.1μF, ±10%, 16V
CY733	24092730	Chip, 0.1μF, ±10%, 16V
CY803	24092730	Chip, 0.1μF, ±10%, 16V
CY804	24092730	Chip, 0.1μF, ±10%, 16V
CY806	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY807	24092538	Chip, 1μF, +80%, -20%, 10V
CY808	24100104	Chip, 0.1μF, +80%, -20%, 25V
CY813	24092538	Chip, 1μF, +80%, -20%, 10V
CY822	24108330	Chip, 33pF
CY825	24092538	Chip, 1μF, +80%, -20%, 10V
CY826	24108330	Chip, 33pF
CY827	24108330	Chip, 33pF
CY828	24108330	Chip, 33pF
CY829	24108330	Chip, 33pF
CY830	24108330	Chip, 33pF
CY900	24761471	EL, 470μF, ±20%, 6.3V
CY909	24092730	Chip, 0.1μF, ±10%, 16V
CZ02	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ03	24092730	Chip, 0.1μF, ±10%, 16V
CZ04	24105181	Chip, 180pF
CZ05	24105680	Chip, 68pF
CZ06	24108330	Chip, 33pF
CZ08	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ09	24109103	Chip, 0.01μF, ±10%, 25V
CZ10	24203101	EL, 100μF, ±20%, 16V
CZ11	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ12	24105101	Chip, 100pF
CZ13	24105101	Chip, 100pF
CZ14	24108151	Chip, 150pF
CZ27	24092538	Chip, 1μF, +80%, -20%, 10V
CZ28	24109103	Chip, 0.01μF, ±10%, 25V
CZ29	24092538	Chip, 1μF, +80%, -20%, 10V
CZ30	24092730	Chip, 0.1μF, ±10%, 16V
CZ31	24092730	Chip, 0.1μF, ±10%, 16V
CZ32	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ33	24109102	Chip, 1000pF, ±10%
CZ34	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ35	24206010	EL, 1μF, ±20%, 50V
CZ36	24761471	EL, 470μF, ±20%, 6.3V
CZ37	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ38	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ39	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ40	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ41	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ42	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ43	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ44	24092730	Chip, 0.1μF, ±10%, 16V
CZ45	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ46	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ47	24108820	Chip, 82pF
CZ48	24092730	Chip, 0.1μF, ±10%, 16V
CZ49	24092730	Chip, 0.1μF, ±10%, 16V
CZ50	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ51	24092730	Chip, 0.1μF, ±10%, 16V
CZ52	24092730	Chip, 0.1μF, ±10%, 16V
CZ54	24100104	Chip, 0.1μF, +80%, -20%, 25V

Location No.	Part No.	Description
CZ57	24105181	Chip, 180pF
CZ58	24105560	Chip, 56pF
CZ60	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ77	24092730	Chip, 0.1μF, ±10%, 16V
CZ96	24105270	Chip, 27pF
CZ101	24092441	Chip, 1μF, +80%, -20%, 16V
CZ102	24203101	EL, 100μF, ±20%, 16V
CZ103	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ104	24109103	Chip, 0.01μF, ±10%, 25V
CZ105	24109103	Chip, 0.01μF, ±10%, 25V
CZ106	24109103	Chip, 0.01μF, ±10%, 25V
CZ108	24100104	Chip, 0.1μF, +80%, -20%, 25V
CZ109	24108101	Chip, 100pF
CZ111	24109103	Chip, 0.01μF, ±10%, 25V
CZ112	24105181	Chip, 180pF
CZ113	24109103	Chip, 0.01μF, ±10%, 25V
CZ114	24109103	Chip, 0.01μF, ±10%, 25V
CZ115	24105390	Chip, 39pF
CZ116	24108470	Chip, 47pF
CZ117	24105680	Chip, 68pF
CZ800	24108330	Chip, 33pF
CZ802	24108330	Chip, 33pF
CZ804	24108330	Chip, 33pF
CZ805	24108330	Chip, 33pF
CZ806	24108330	Chip, 33pF
CZ809	24108330	Chip, 33pF
CZ810	24108330	Chip, 33pF
CZ811	24108330	Chip, 33pF
CZ812	24108330	Chip, 33pF

RESISTORS

R101	24553183	OMF, 18k ohm, 1W
R150	24872101	Chip, 100 ohm, 1/16W
R151	24872562	Chip, 5600 ohm, 1/16W
R152	24872103	Chip, 10k ohm, 1/16W
R201	24011101	Chip, 100 ohm, 1/20W
R202	24011471	Chip, 470 ohm, 1/20W
R203	24000445	Chip Jumper, 1680 Type
R204	24000445	Chip Jumper, 1680 Type
R207	24011101	Chip, 100 ohm, 1/20W
R208	24011102	Chip, 1k ohm, 1/20W
R209	24011102	Chip, 1k ohm, 1/20W
R210	24011102	Chip, 1k ohm, 1/20W
R212	24011103	Chip, 10k ohm, 1/20W
R213	24011123	Chip, 12k ohm, 1/20W
R214	24011222	Chip, 2200 ohm, 1/20W
R215	24011101	Chip, 100 ohm, 1/20W
R217	24366103	CF, 10k ohm
R218	24367203	CF, 20k ohm, ±2%
R219	24366303	CF, 30k ohm
R227	24367363	CF, 36k ohm, ±2%
R228	24367103	CF, 10k ohm, ±2%
R245	24872102	Chip, 1k ohm, 1/16W
R254	24872472	Chip, 4700 ohm, 1/16W
R283	24011221	Chip, 220 ohm, 1/20W
R284	24011221	Chip, 220 ohm, 1/20W
R285	24011221	Chip, 220 ohm, 1/20W
R303	24321109	MF, 1 ohm, 1/2W
R305	24323688	MF, 0.68 ohm, 2W
R306	24366473	CF, 47k ohm
R309	24366154	CF, 150k ohm
R310	24366102	CF, 1k ohm
R312	24366153	CF, 15k ohm
R313	24366153	CF, 15k ohm

Location No.	Part No.	Description
R314	24011101	Chip, 100 ohm, 1/20W
R315	24011474	Chip, 470k ohm, 1/20W
R317	24366472	CF, 4700 ohm
R318	24366101	CF, 100 ohm
R319	24366101	CF, 100 ohm
R320	24366101	CF, 100 ohm
R321	24366225	CF, 2.2M ohm
R322	24366394	CF, 390k ohm
R323	24366274	CF, 270k ohm
R324	24366334	CF, 330k ohm
R328	24366202	CF, 2k ohm
R329	24366153	CF, 15k ohm
R330	24366102	CF, 1k ohm
R331	24366134	CF, 130k ohm
R336	24383271	OMF, 270 ohm, 2W
R342	24872101	Chip, 100 ohm, 1/16W
R344	24553102	OMF, 1k ohm, 1W
R344	24872222	Chip, 2200 ohm, 1/16W
R353	24366621	CF, 620 ohm
R357	24381100	OMF, 10 ohm, 1/2W
R358	24383101	OMF, 100 ohm, 2W
R359	24366103	CF, 10k ohm
R360	24366103	CF, 10k ohm
R360	24872223	Chip, 22k ohm, 1/16W
R361	24366102	CF, 1k ohm
R361	24872223	Chip, 22k ohm, 1/16W
R362	24366103	CF, 10k ohm
R362	24872223	Chip, 22k ohm, 1/16W
R363	24366103	CF, 10k ohm
R363	24872472	Chip, 4700 ohm, 1/16W
R364	24366332	CF, 3300 ohm
R365	24366681	CF, 680 ohm
R366	24366471	CF, 470 ohm
R367	24366472	CF, 4700 ohm
R368	24366333	CF, 33k ohm
R369	24366433	CF, 43k ohm
R371	24366562	CF, 5600 ohm
R372	24366392	CF, 3900 ohm
R373	24366182	CF, 1800 ohm
R374	24366473	CF, 47k ohm
R379	24382103	OMF, 10k ohm, 1W
R380	24946226	CC, 22M ohm, ±10%, 1/2W
R381	24366822	CF, 8200 ohm
R392	24552102	OMF, 1k ohm, 1/2W
R394	24366102	CF, 1k ohm
R395	24366103	CF, 10k ohm
R396	24366103	CF, 10k ohm
R397	24366103	CF, 10k ohm
R398	24366184	CF, 180k ohm
R400	24946561	CC, 560 ohm, 1/2W
R401	24011361	Chip, 360 ohm, 1/20W
R402	24011103	Chip, 10k ohm, 1/20W
R403	24011272	Chip, 2700 ohm, 1/20W
R405	24553682	OMF, 6800 ohm, 1W
R409	24011102	Chip, 1k ohm, 1/20W
R411	24366180	CF, 18 ohm
R412	24323228	MF, 0.22 ohm, 2W
R413	24011182	Chip, 1800 ohm, 1/20W
R415	24383271	OMF, 270 ohm, 2W
R416	24383820	OMF, 82 ohm, 2W
R417	24366182	CF, 1800 ohm
R418	24366182	CF, 1800 ohm
R422	24872472	Chip, 4700 ohm, 1/16W
R423	24872103	Chip, 10k ohm, 1/16W

Location No.	Part No.	Description
R424	24321229	OMF, 2.2 ohm, 1/2W
R424	24872272	Chip, 2700 ohm, 1/16W
R425	24872102	Chip, 1k ohm, 1/16W
R426	24381363	OMF, 33k ohm, 1/2W
R433	24366101	CF, 100 ohm
R435	24327224	MF, 220k ohm, ±1%, 1/4W
R438	24552152	OMF, 1500 ohm, 1/2W
R439	24381100	OMF, 10 ohm, 1/2W
R441	24383181	OMF, 180 ohm, 2W
R447	24382473	OMF, 47k ohm, 1W
R448	24321338	MF, 0.33 ohm, 1/2W
R452	24061546	VR, 100 ohm
R461	24366183	CF, 18k ohm
R462	24367333	CF, 33k ohm, ±2%
R465	24367560	CF, 56 ohm, ±2%
⚠ R467	24000525	MF, 4.7k ohm, 1/4W
⚠ R468	24000632	MF, 9100 ohm, 1/4W
R470	24323518	MF, 0.51 ohm, 2W
R471	24381301	OMF, 300 ohm, 1/2W
R472	24554270	OMF, 27 ohm, 2W
R473	24000221	MF, 20k ohm, 1/4W
R474	24366822	CF, 8200 ohm
R475	24366912	CF, 9100 ohm
R476	24000221	MF, 20k ohm, 1/4W
R477	24366102	CF, 1k ohm
R478	24338688	MF, 0.68 ohm, 1W
R479	24381131	OMF, 130 ohm, 1/2W
R480	24366472	CF, 4700 ohm
R481	24366103	CF, 10k ohm
R482	24366182	CF, 1800 ohm
R483	24872223	Chip, 22k ohm, 1/16W
R484	24366223	CF, 22k ohm
R485	24366223	CF, 22k ohm
R485	24872472	Chip, 4700 ohm, 1/16W
R486	24872622	Chip, 6200 ohm, 1/16W
R487	24872474	Chip, 470k ohm, 1/16W
R488	24872154	Chip, 150k ohm, 1/16W
R491	24366122	CF, 1200 ohm
R492	24366122	CF, 1200 ohm
R493	24366123	CF, 12k ohm
R494	24366184	CF, 180k ohm
R496	24382104	OMF, 100k ohm, 1W
R499	24322109	MF, 1 ohm, 1W
R501	24011303	Chip, 30k ohm, 1/20W
R503	24011103	Chip, 10k ohm, 1/20W
R505	24011152	Chip, 1500 ohm, 1/20W
R506	24011272	Chip, 2700 ohm, 1/20W
R508	24011102	Chip, 1k ohm, 1/20W
R509	24011102	Chip, 1k ohm, 1/20W
R510	24011471	Chip, 470 ohm, 1/20W
R511	24011103	Chip, 10k ohm, 1/20W
R512	24011103	Chip, 10k ohm, 1/20W
R513	24872104	Chip, 100k ohm, 1/16W
R514	24872103	Chip, 10k ohm, 1/16W
R515	24872103	Chip, 10k ohm, 1/16W
R520	24011101	Chip, 100 ohm, 1/20W
R521	24011101	Chip, 100 ohm, 1/20W
R525	24872752	Chip, 7500 ohm, 1/16W
R526	24872101	Chip, 100 ohm, 1/16W
R530	24011103	Chip, 10k ohm, 1/20W
R531	24011103	Chip, 10k ohm, 1/20W
R532	24011103	Chip, 10k ohm, 1/20W
R543	24872101	Chip, 100 ohm, 1/16W
R548	24872101	Chip, 100 ohm, 1/16W

Location No.	Part No.	Description
R552	24872101	Chip, 100 ohm, 1/16W
R553	24872101	Chip, 100 ohm, 1/16W
R560	24872103	Chip, 10k ohm, 1/16W
R561	24552361	OMF, 360 ohm, 1/2W
R562	24872103	Chip, 10k ohm, 1/16W
R563	24872102	Chip, 1k ohm, 1/16W
R564	24872102	Chip, 1k ohm, 1/16W
R565	24872102	Chip, 1k ohm, 1/16W
R566	24872101	Chip, 100 ohm, 1/16W
R567	24872102	Chip, 1k ohm, 1/16W
R568	24872101	Chip, 100 ohm, 1/16W
R571	24872101	Chip, 100 ohm, 1/16W
R602	24872153	Chip, 15k ohm, 1/16W
R603	24872153	Chip, 15k ohm, 1/16W
R610	24871222	Chip, 2200 ohm, 1/8W
R611	24871222	Chip, 2200 ohm, 1/8W
R612	24872103	Chip, 10k ohm, 1/16W
R613	24871222	Chip, 2200 ohm, 1/8W
R621	24872101	Chip, 100 ohm, 1/16W
R622	24872105	Chip, 1M ohm, 1/16W
R623	24872101	Chip, 100 ohm, 1/16W
R624	24872101	Chip, 100 ohm, 1/16W
R625	24872101	Chip, 100 ohm, 1/16W
R626	24872101	Chip, 100 ohm, 1/16W
R627	24872101	Chip, 100 ohm, 1/16W
R633	24872101	Chip, 100 ohm, 1/16W
R634	24872101	Chip, 100 ohm, 1/16W
R635	24872101	Chip, 100 ohm, 1/16W
R636	24872101	Chip, 100 ohm, 1/16W
R637	24872101	Chip, 100 ohm, 1/16W
R638	24872101	Chip, 100 ohm, 1/16W
R639	24872101	Chip, 100 ohm, 1/16W
R640	24872101	Chip, 100 ohm, 1/16W
R641	24872101	Chip, 100 ohm, 1/16W
R642	24872101	Chip, 100 ohm, 1/16W
R643	24872101	Chip, 100 ohm, 1/16W
R661	24872103	Chip, 10k ohm, 1/16W
R662	24872103	Chip, 10k ohm, 1/16W
R663	24872272	Chip, 2700 ohm, 1/16W (36HFX70)
R663	24872822	Chip, 8200 ohm, 1/16W (36HF70)
R664	24872272	Chip, 2700 ohm, 1/16W (36HFX70)
R664	24872822	Chip, 8200 ohm, 1/16W (36HF70)
R666	24872122	Chip, 1200 ohm, 1/16W (36HFX70)
R667	24872153	Chip, 15k ohm, 1/16W (36HFX70)
R668	24872223	Chip, 22k ohm, 1/16W
R669	24872223	Chip, 22k ohm, 1/16W
R676	24872229	Chip, 2.2 ohm, 1/16W
R677	24872229	Chip, 2.2 ohm, 1/16W
R680	24872473	Chip, 47k ohm, 1/16W
R681	24872103	Chip, 10k ohm, 1/16W
R682	24872104	Chip, 100k ohm, 1/16W (36HFX70)
R683	24872333	Chip, 33k ohm, 1/16W (36HFX70)
R686	24872229	Chip, 2.2 ohm, 1/16W (36HFX70)
R690	24872392	Chip, 3900 ohm, 1/16W (36HF70)

Location No.	Part No.	Description
R691	24872392	Chip, 3900 ohm, 1/16W (36HF70)
R702	24552221	OMF, 220 ohm, 1/2W
R709	24366563	CF, 56k ohm
R713	24366393	CF, 39k ohm
R715	24366273	CF, 27k ohm
R716	24366273	CF, 27k ohm
R717	24366333	CF, 33k ohm
R718	24366222	CF, 2200 ohm
R719	24366101	CF, 100 ohm
R720	24366102	CF, 1k ohm
R721	24366102	CF, 1k ohm
R722	24552471	OMF, 470 ohm, 1/2W
R723	24366101	CF, 100 ohm
R724	24366151	CF, 150 ohm
R725	24366182	CF, 1800 ohm
R730	24552100	OMF, 10 ohm, 1/2W
R731	24552331	OMF, 330 ohm, 1/2W
R732	24366330	CF, 33 ohm
R733	24366683	CF, 68k ohm
R734	24366330	CF, 33 ohm
R735	24366683	CF, 68k ohm
R736	24553430	OMF, 43 ohm, 1W
R737	24366751	CF, 750 ohm
R738	24366102	CF, 1k ohm
R739	24366751	CF, 750 ohm
R740	24553430	OMF, 43 ohm, 1W
R741	24322209	MF, 2 ohm, 1W
R742	24322209	MF, 2 ohm, 1W
R743	24554181	OMF, 180 ohm, 2W
R744	24366122	CF, 1200 ohm
R745	24366122	CF, 1200 ohm
R802	24942105	CC, 1M ohm, 1/2W
R808	24019477	PTC Thermistor, 1.5 ohm, AC140V
R810	24007482	Cement, 1 ohm, 20W
R834	24366102	CF, 1k ohm
R835	24366820	CF, 82 ohm
R847	24872681	Chip, 680 ohm, 1/16W
R848	24872560	Chip, 56 ohm, 1/16W
R849	24872391	Chip, 390 ohm, 1/16W
R861	24382153	OMF, 15k ohm, 1W
R862	24552330	OMF, 33 ohm, 1/2W
R864	24552102	OMF, 1k ohm, 1/2W
R865	24552221	OMF, 220 ohm, 1/2W
R867	24000639	MF, 22k ohm, 1/4W
R868	24552560	OMF, 56 ohm, 1/2W
R870	24381151	OMF, 150 ohm, 1/2W
R871	24381101	OMF, 100 ohm, 1/2W
R872	24382563	OMF, 56k ohm, 1W
R883	24381682	OMF, 6800 ohm, 1/2W
R884	24366102	CF, 1k ohm
R891	24366152	CF, 1500 ohm
R899	24002000	CC, 3.9M ohm, ±10%, 1/2W
R901	24946561	CC, 560 ohm, 1/2W
R902	24946561	CC, 560 ohm, 1/2W
R903	24946561	CC, 560 ohm, 1/2W
R904	24366472	CF, 4700 ohm
R905	24366150	CF, 15 ohm
R906	24366103	CF, 10k ohm
R912	24366102	CF, 1k ohm
R914	24366151	CF, 150 ohm
R915	24366470	CF, 47 ohm
R916	24366180	CF, 18 ohm

Location No.	Part No.	Description
R917	24366431	CF, 430 ohm
R918	24366240	CF, 24 ohm
R919	24366102	CF, 1k ohm
R921	24366151	CF, 150 ohm
R922	24366470	CF, 47 ohm
R924	24366220	CF, 22 ohm
R925	24366431	CF, 430 ohm
R926	24366102	CF, 1k ohm
R928	24366151	CF, 150 ohm
R929	24366470	CF, 47 ohm
R930	24366180	CF, 18 ohm
R932	24366332	CF, 3300 ohm
R933	24366750	CF, 75 ohm
R934	24366391	CF, 390 ohm
R935	24366112	CF, 1100 ohm
R936	24366750	CF, 75 ohm
R937	24366431	CF, 430 ohm
R939	24366470	CF, 47 ohm
R942	24366392	CF, 3900 ohm
R943	24366392	CF, 3900 ohm
R944	24366392	CF, 3900 ohm
R945	24366180	CF, 18 ohm
R946	24366180	CF, 18 ohm
R947	24366561	CF, 560 ohm
R948	24366822	CF, 8200 ohm
R952	24366622	CF, 6200 ohm
R953	24366622	CF, 6200 ohm
R954	24366622	CF, 6200 ohm
R960	24383153	OMF, 15k ohm, 2W
R961	24383153	OMF, 15k ohm, 2W
R962	24383153	OMF, 15k ohm, 2W
R963	24383153	OMF, 15k ohm, 2W
R964	24383153	OMF, 15k ohm, 2W
R965	24383153	OMF, 15k ohm, 2W
R967	24366153	CF, 15k ohm
R968	24366562	CF, 5600 ohm
R969	24366391	CF, 390 ohm
R970	24366102	CF, 1k ohm
R971	24366153	CF, 15k ohm
R972	24366102	CF, 1k ohm
R973	24366103	CF, 10k ohm
R974	24366103	CF, 10k ohm
R975	24366102	CF, 1k ohm
R976	24366102	CF, 1k ohm
R977	24366561	CF, 560 ohm
R978	24383153	OMF, 15k ohm, 2W
R979	24383153	OMF, 15k ohm, 2W
R980	24366471	CF, 470 ohm
R981	24366471	CF, 470 ohm
R982	24366682	CF, 6800 ohm
R983	24366222	CF, 2200 ohm
R984	24367821	CF, 820 ohm, ±2%
R985	24367471	CF, 470 ohm, ±2%
R986	24367681	CF, 680 ohm, ±2%
R987	24367681	CF, 680 ohm, ±2%
R988	24367472	CF, 4700 ohm, ±2%
R989	24367472	CF, 4700 ohm, ±2%
R990	24366561	CF, 560 ohm
R991	24367391	CF, 390 ohm, ±2%
R992	24366150	CF, 15 ohm
R993	24383153	OMF, 15k ohm, 2W
R994	24383153	OMF, 15k ohm, 2W
R995	24383153	OMF, 15k ohm, 2W
R996	24383153	OMF, 15k ohm, 2W

Location No.	Part No.	Description
R997	24366332	CF, 3300 ohm
R998	24366102	CF, 1k ohm
R999	24366102	CF, 1k ohm
R2020	24872101	Chip, 100 ohm, 1/16W
R2060	24872102	Chip, 1k ohm, 1/16W
R2061	24872101	Chip, 100 ohm, 1/16W
R2105	24872101	Chip, 100 ohm, 1/16W
R2106	24872101	Chip, 100 ohm, 1/16W
R2107	24872101	Chip, 100 ohm, 1/16W
R2108	24872103	Chip, 10k ohm, 1/16W
R2109	24872103	Chip, 10k ohm, 1/16W
R2110	24872103	Chip, 10k ohm, 1/16W
R2149	24872681	Chip, 680 ohm, 1/16W
R2150	24872681	Chip, 680 ohm, 1/16W
R2151	24872681	Chip, 680 ohm, 1/16W
R2152	24872101	Chip, 100 ohm, 1/16W
R2153	24872101	Chip, 100 ohm, 1/16W
R2154	24872101	Chip, 100 ohm, 1/16W
R3105	24872102	Chip, 1k ohm, 1/16W
R3106	24872102	Chip, 1k ohm, 1/16W
R3110	24872224	Chip, 220k ohm, 1/16W
R4030	24872225	Chip, 2.2M ohm, 1/16W
R4201	24872103	Chip, 10k ohm, 1/16W
R4202	24872102	Chip, 1k ohm, 1/16W
R4203	24872561	Chip, 560 ohm, 1/16W
R4204	24872152	Chip, 1500 ohm, 1/16W
R4228	24872682	Chip, 6800 ohm, 1/16W
R4310	24366183	CF, 18k ohm
R4311	24366563	CF, 56k ohm
R4385	24366822	CF, 8200 ohm
R4386	24366331	CF, 330 ohm
R4402	24011105	Chip, 1M ohm, 1/20W
R4406	24872622	Chip, 6200 ohm, 1/16W
R4407	24872361	Chip, 360 ohm, 1/16W
R4410	24872103	Chip, 10k ohm, 1/16W
R4416	24872471	Chip, 470 ohm, 1/16W
R4417	24872471	Chip, 470 ohm, 1/16W
R4422	24872101	Chip, 100 ohm, 1/16W
R4425	24552471	OMF, 470 ohm, 1/2W
R4460	24366102	CF, 1k ohm
R4461	24366102	CF, 1k ohm
R4462	24366133	CF, 13k ohm
R4463	24366682	CF, 6800 ohm
R4463	24872361	Chip, 360 ohm, 1/16W
R4464	24872622	Chip, 6200 ohm, 1/16W
R4466	24011122	Chip, 1200 ohm, 1/20W
R4466	24366103	CF, 10k ohm
R4467	24011103	Chip, 10k ohm, 1/20W
R4467	24366103	CF, 10k ohm
R4468	24011103	Chip, 10k ohm, 1/20W
R4468	24366562	CF, 5600 ohm
R4469	24011473	Chip, 47k ohm, 1/20W
R4469	24366102	CF, 1k ohm
R4470	24366393	CF, 39k ohm
R4471	24872103	Chip, 10k ohm, 1/16W
R4472	24872223	Chip, 22k ohm, 1/16W
R4560	24872103	Chip, 10k ohm, 1/16W
R4561	24872103	Chip, 10k ohm, 1/16W
R4761	24366102	CF, 1k ohm
R4762	24366104	CF, 100k ohm
R4763	24366472	CF, 4700 ohm
R4764	24366104	CF, 100k ohm
R4765	24366221	CF, 220 ohm
R4766	24366202	CF, 2k ohm

Location No.	Part No.	Description
R4767	24366911	CF, 910 ohm
R4768	24366622	CF, 6200 ohm
R4816	24366471	CF, 470 ohm
R4818	24366681	CF, 680 ohm
R4819	24366102	CF, 1k ohm
R4820	24872103	Chip, 10k ohm, 1/16W
R5020	24872101	Chip, 100 ohm, 1/16W
R5030	24872101	Chip, 100 ohm, 1/16W
R9701	24366472	CF, 4700 ohm
RA01	24872102	Chip, 1k ohm, 1/16W
RA02	24872101	Chip, 100 ohm, 1/16W
RA03	24872101	Chip, 100 ohm, 1/16W
RA04	24872102	Chip, 1k ohm, 1/16W
RA05	24872102	Chip, 1k ohm, 1/16W
RA06	24872102	Chip, 1k ohm, 1/16W
RA07	24872102	Chip, 1k ohm, 1/16W
RA09	24872102	Chip, 1k ohm, 1/16W
RA10	24872102	Chip, 1k ohm, 1/16W
RA11	24872102	Chip, 1k ohm, 1/16W
RA12	24872102	Chip, 1k ohm, 1/16W
RA13	24872102	Chip, 1k ohm, 1/16W
RA14	24872223	Chip, 22k ohm, 1/16W
RA15	24872102	Chip, 1k ohm, 1/16W
RA16	24872102	Chip, 1k ohm, 1/16W
RA17	24872102	Chip, 1k ohm, 1/16W
RA19	24872102	Chip, 1k ohm, 1/16W
RA26	24872101	Chip, 100 ohm, 1/16W
RA27	24872101	Chip, 100 ohm, 1/16W
RA28	24872102	Chip, 1k ohm, 1/16W
RA29	24872102	Chip, 1k ohm, 1/16W
RA30	24872102	Chip, 1k ohm, 1/16W
RA31	24872102	Chip, 1k ohm, 1/16W
RA32	24872102	Chip, 1k ohm, 1/16W
RA33	24872103	Chip, 10k ohm, 1/16W
RA34	24872102	Chip, 1k ohm, 1/16W
RA35	24872102	Chip, 1k ohm, 1/16W
RA39	24872682	Chip, 6800 ohm, 1/16W
RA45	24872101	Chip, 100 ohm, 1/16W
RA46	24872152	Chip, 1500 ohm, 1/16W
RA47	24872332	Chip, 3300 ohm, 1/16W
RA48	24872332	Chip, 3300 ohm, 1/16W
RA50	24872682	Chip, 6800 ohm, 1/16W
RA51	24872151	Chip, 150 ohm, 1/16W
RA52	24872103	Chip, 10k ohm, 1/16W
RA54	24872332	Chip, 3300 ohm, 1/16W
RA55	24872102	Chip, 1k ohm, 1/16W
RA56	24872102	Chip, 1k ohm, 1/16W
RA58	24872101	Chip, 100 ohm, 1/16W
RA60	24872101	Chip, 100 ohm, 1/16W
RA71	24366683	CF, 68k ohm
RA72	24366223	CF, 22k ohm
RA72	24872332	Chip, 3300 ohm, 1/16W
RA73	24366103	CF, 10k ohm
RA73	24872332	Chip, 3300 ohm, 1/16W
RA74	24872153	Chip, 15k ohm, 1/16W
RA75	24872153	Chip, 15k ohm, 1/16W
RA76	24366822	CF, 8200 ohm
RA76	24872103	Chip, 10k ohm, 1/16W
RA77	24366153	CF, 15k ohm
RA77	24872103	Chip, 10k ohm, 1/16W
RA78	24366273	CF, 27k ohm
RA78	24872333	Chip, 33k ohm, 1/16W
RA79	24872333	Chip, 33k ohm, 1/16W
RA80	24872101	Chip, 100 ohm, 1/16W

Location No.	Part No.	Description
RA116	24872103	Chip, 10k ohm, 1/16W
RA140	24872102	Chip, 1k ohm, 1/16W
RA191	24872101	Chip, 100 ohm, 1/16W
RA192	24872101	Chip, 100 ohm, 1/16W
RA195	24872101	Chip, 100 ohm, 1/16W
RB01	24872101	Chip, 100 ohm, 1/16W
RB02	24872101	Chip, 100 ohm, 1/16W
RB03	24872101	Chip, 100 ohm, 1/16W
RB09	24872103	Chip, 10k ohm, 1/16W
RB10	24872101	Chip, 100 ohm, 1/16W
RB11	24366271	CF, 270 ohm
RB11	24872101	Chip, 100 ohm, 1/16W
RB12	24366103	CF, 10k ohm
RB12	24872101	Chip, 100 ohm, 1/16W
RB13	24366470	CF, 47 ohm
RB13	24872103	Chip, 10k ohm, 1/16W
RB14	24872153	Chip, 15k ohm, 1/16W
RB15	24872153	Chip, 15k ohm, 1/16W
RB16	24872332	Chip, 3300 ohm, 1/16W
RB17	24872332	Chip, 3300 ohm, 1/16W
RB28	24872102	Chip, 1k ohm, 1/16W
RB29	24872472	Chip, 4700 ohm, 1/16W
RB30	24366103	CF, 10k ohm
RB30	24872472	Chip, 4700 ohm, 1/16W
RB31	24872101	Chip, 100 ohm, 1/16W
RB32	24872274	Chip, 270k ohm, 1/16W
RB33	24872123	Chip, 12k ohm, 1/16W
RB34	24872392	Chip, 3900 ohm, 1/16W
RB35	24872103	Chip, 10k ohm, 1/16W
RB37	24872302	Chip, 3k ohm, 1/16W
RB38	24872103	Chip, 10k ohm, 1/16W
RB41	24366273	CF, 27k ohm
RB41	24872151	Chip, 150 ohm, 1/16W
RB42	24366153	CF, 15k ohm
RB42	24872102	Chip, 1k ohm, 1/16W
RB43	24872102	Chip, 1k ohm, 1/16W
RB44	24872101	Chip, 100 ohm, 1/16W
RB45	24872101	Chip, 100 ohm, 1/16W
RB46	24872103	Chip, 10k ohm, 1/16W
RB49	24872331	Chip, 330 ohm, 1/16W
RB75	24872473	Chip, 47k ohm, 1/16W
RB90	24872392	Chip, 3900 ohm, 1/16W
RB91	24872473	Chip, 47k ohm, 1/16W
RB92	24872271	Chip, 270 ohm, 1/16W
RB93	24872271	Chip, 270 ohm, 1/16W
RB94	24872222	Chip, 2200 ohm, 1/16W
RB95	24872222	Chip, 2200 ohm, 1/16W
RB96	24872273	Chip, 27k ohm, 1/16W
RB97	24872273	Chip, 27k ohm, 1/16W
RB98	24872102	Chip, 1k ohm, 1/16W
RD02	24366101	CF, 100 ohm
RD03	24366101	CF, 100 ohm
RD05	24366432	CF, 4300 ohm
RD06	24366102	CF, 1k ohm
RD07	24366114	CF, 110k ohm
RD08	24366132	CF, 1300 ohm
RD09	24366473	CF, 47k ohm
RD10	24366513	CF, 51k ohm
RD11	24366392	CF, 3900 ohm
RD12	24366101	CF, 100 ohm
RD14	24366101	CF, 100 ohm
RD19	24366101	CF, 100 ohm
RD20	24366101	CF, 100 ohm
RD21	24366122	CF, 1200 ohm

Location No.	Part No.	Description
RD22	24366821	CF, 820 ohm
RD23	24366152	CF, 1500 ohm
RD24	24366681	CF, 680 ohm
RJ01	24366103	CF, 10k ohm
RJ02	24366102	CF, 1k ohm
RJ04	24366102	CF, 1k ohm
RJ05	24323479	MF, 4.7 ohm, 2W
RJ06	24366103	CF, 10k ohm
RJ12	24000824	Chip, Jumper, 2125 type
RJ13	24000824	Chip, Jumper, 2125 type
RJ14	24000824	Chip, Jumper, 2125 type
RM16	24872101	Chip, 100 ohm, 1/16W
RM18	24872392	Chip, 3900 ohm, 1/16W
RM79	24872472	Chip, 4700 ohm, 1/16W
RM80	24872103	Chip, 10k ohm, 1/16W
RM82	24872473	Chip, 47k ohm, 1/16W
RM83	24872472	Chip, 4700 ohm, 1/16W
RR04	24872101	Chip, 100 ohm, 1/16W
RR09	24872222	Chip, 2200 ohm, 1/16W
RR10	24872102	Chip, 1k ohm, 1/16W
RR11	24872151	Chip, 150 ohm, 1/16W
RR12	24872151	Chip, 150 ohm, 1/16W
RR13	24872151	Chip, 150 ohm, 1/16W
RR15	24872151	Chip, 150 ohm, 1/16W
RR16	24872151	Chip, 150 ohm, 1/16W
RR17	24872151	Chip, 150 ohm, 1/16W
RR18	24872681	Chip, 680 ohm, 1/16W
RR90	24872182	Chip, 1800 ohm, 1/16W
RR91	24872153	Chip, 15k ohm, 1/16W
RR92	24872123	Chip, 12k ohm, 1/16W
RR93	24872562	Chip, 5600 ohm, 1/16W
RR94	24872102	Chip, 1k ohm, 1/16W
RR95	24872562	Chip, 5600 ohm, 1/16W
RS02	24872472	Chip, 4700 ohm, 1/16W
RS04	24872102	Chip, 1k ohm, 1/16W
RS06	24872102	Chip, 1k ohm, 1/16W
RS07	24872103	Chip, 10k ohm, 1/16W
RS08	24872103	Chip, 10k ohm, 1/16W
RS09	24872102	Chip, 1k ohm, 1/16W
RS10	24872102	Chip, 1k ohm, 1/16W
RS12	24872103	Chip, 10k ohm, 1/16W
RS21	24872104	Chip, 100k ohm, 1/16W
RS22	24872104	Chip, 100k ohm, 1/16W
RS25	24872223	Chip, 22k ohm, 1/16W
RS26	24872223	Chip, 22k ohm, 1/16W
RS27	24872471	Chip, 470 ohm, 1/16W
RS28	24872471	Chip, 470 ohm, 1/16W
RS29	24872104	Chip, 100k ohm, 1/16W
RS30	24872104	Chip, 100k ohm, 1/16W
RS31	24872103	Chip, 10k ohm, 1/16W
RS32	24872104	Chip, 100k ohm, 1/16W
RS33	24872222	Chip, 2200 ohm, 1/16W
RS34	24872222	Chip, 2200 ohm, 1/16W
RS35	24872103	Chip, 10k ohm, 1/16W
RS36	24872103	Chip, 10k ohm, 1/16W
RS37	24872101	Chip, 100 ohm, 1/16W
RS40	24872101	Chip, 100 ohm, 1/16W
RS42	24872101	Chip, 100 ohm, 1/16W
RS48	24872101	Chip, 100 ohm, 1/16W
RS49	24872103	Chip, 10k ohm, 1/16W
RS51	24872103	Chip, 10k ohm, 1/16W
RS52	24872103	Chip, 10k ohm, 1/16W
RS53	24872103	Chip, 10k ohm, 1/16W
RS54	24872103	Chip, 10k ohm, 1/16W

Location No.	Part No.	Description
RS101	24872123	Chip, 12k ohm, 1/16W
RS102	24872123	Chip, 12k ohm, 1/16W
RS103	24872103	Chip, 10k ohm, 1/16W
RS104	24872104	Chip, 100k ohm, 1/16W
RS105	24872332	Chip, 3300 ohm, 1/16W
RS107	24872473	Chip, 47k ohm, 1/16W
RS108	24872473	Chip, 47k ohm, 1/16W
RS109	24872153	Chip, 15k ohm, 1/16W
RS110	24872471	Chip, 470 ohm, 1/16W
RS111	24872222	Chip, 2200 ohm, 1/16W
RS112	24872223	Chip, 22k ohm, 1/16W
RS113	24872153	Chip, 15k ohm, 1/16W
RS114	24872471	Chip, 470 ohm, 1/16W
RS115	24872222	Chip, 2200 ohm, 1/16W
RS116	24872273	Chip, 27k ohm, 1/16W
RS120	24366271	CF, 270 ohm (36HF70)
RS121	24872103	Chip, 10k ohm, 1/16W (36HF70)
RS122	24872103	Chip, 10k ohm, 1/16W (36HF70)
RS123	24872473	Chip, 47k ohm, 1/16W (36HF70)
RS124	24872103	Chip, 10k ohm, 1/16W (36HF70)
RS125	24872103	Chip, 10k ohm, 1/16W (36HF70)
RV01	24872472	Chip, 4700 ohm, 1/16W
RV03	24872101	Chip, 100 ohm, 1/16W
RV04	24872101	Chip, 100 ohm, 1/16W
RV11	24872100	Chip, 10 ohm, 1/16W
RV12	24872100	Chip, 10 ohm, 1/16W
RV13	24872100	Chip, 10 ohm, 1/16W
RV15	24872222	Chip, 2200 ohm, 1/16W
RV17	24366750	CF, 75 ohm
RV18	24366750	CF, 75 ohm
RV19	24366332	CF, 3300 ohm
RV22	24872750	Chip, 75 ohm, 1/16W
RV24	24872750	Chip, 75 ohm, 1/16W
RV25	24872750	Chip, 75 ohm, 1/16W
RV26	24872750	Chip, 75 ohm, 1/16W
RV28	24872472	Chip, 4700 ohm, 1/16W
RV29	24872472	Chip, 4700 ohm, 1/16W
RV30	24872182	Chip, 1800 ohm, 1/16W
RV31	24872332	Chip, 3300 ohm, 1/16W
RV50	24872101	Chip, 100 ohm, 1/16W
RV51	24872392	Chip, 3900 ohm, 1/16W
RV52	24872101	Chip, 100 ohm, 1/16W
RV53	24872392	Chip, 3900 ohm, 1/16W
RV54	24872101	Chip, 100 ohm, 1/16W
RV55	24872392	Chip, 3900 ohm, 1/16W
RV62	24871821	Chip, 820 ohm, 1/8W
RV63	24872102	Chip, 1k ohm, 1/16W
RV64	24872750	Chip, 75 ohm, 1/16W
RV65	24872750	Chip, 75 ohm, 1/16W
RV67	24872750	Chip, 75 ohm, 1/16W
RV72	24872221	Chip, 220 ohm, 1/16W
RV74	24872750	Chip, 75 ohm, 1/16W
RV78	24872103	Chip, 10k ohm, 1/16W
RV79	24872101	Chip, 100 ohm, 1/16W
RV83	24872332	Chip, 3300 ohm, 1/16W
RV84	24872750	Chip, 75 ohm, 1/16W
RV89	24872620	Chip, 62 ohm, 1/16W
RV111	24872100	Chip, 10 ohm, 1/16W
RV117	24872750	Chip, 75 ohm, 1/16W

Location No.	Part No.	Description
RV118	24872750	Chip, 75 ohm, 1/16W
RV119	24872750	Chip, 75 ohm, 1/16W
RV120	24366750	CF, 75 ohm
RV121	24872100	Chip, 10 ohm, 1/16W
RV131	24872100	Chip, 10 ohm, 1/16W
RV169	24872102	Chip, 1k ohm, 1/16W
RV273	24872101	Chip, 100 ohm, 1/16W
RV274	24872562	Chip, 5600 ohm, 1/16W
RV275	24872102	Chip, 1k ohm, 1/16W
RV276	24872333	Chip, 33k ohm, 1/16W
RV277	24872223	Chip, 22k ohm, 1/16W
RV278	24872101	Chip, 100 ohm, 1/16W
RV279	24872332	Chip, 3300 ohm, 1/16W
RV280	24872333	Chip, 33k ohm, 1/16W
RV281	24872223	Chip, 22k ohm, 1/16W
RV282	24872101	Chip, 100 ohm, 1/16W
RV283	24872332	Chip, 3300 ohm, 1/16W
RV284	24872333	Chip, 33k ohm, 1/16W
RV285	24872223	Chip, 22k ohm, 1/16W
RV286	24872101	Chip, 100 ohm, 1/16W
RV287	24000824	Chip, Jumper, 2125 type
RV288	24872821	Chip, 820 ohm, 1/16W
RV289	24872333	Chip, 33k ohm, 1/16W
RV290	24872223	Chip, 22k ohm, 1/16W
RV291	24872101	Chip, 100 ohm, 1/16W
RV292	24872332	Chip, 3300 ohm, 1/16W
RV293	24872102	Chip, 1k ohm, 1/16W
RV294	24872562	Chip, 5600 ohm, 1/16W
RV295	24872101	Chip, 100 ohm, 1/16W
RV296	24872333	Chip, 33k ohm, 1/16W
RV297	24872223	Chip, 22k ohm, 1/16W
RV298	24872101	Chip, 100 ohm, 1/16W
RV299	24872332	Chip, 3300 ohm, 1/16W
RV300	24872333	Chip, 33k ohm, 1/16W
RV301	24872750	Chip, 75 ohm, 1/16W
RV319	24872332	Chip, 3300 ohm, 1/16W
RV331	24872223	Chip, 22k ohm, 1/16W
RV332	24872101	Chip, 100 ohm, 1/16W
RV333	24872821	Chip, 820 ohm, 1/16W
RV334	24872222	Chip, 2200 ohm, 1/16W
RV335	24872472	Chip, 4700 ohm, 1/16W
RV336	24872472	Chip, 4700 ohm, 1/16W
RV401	24872822	Chip, 8200 ohm, 1/16W
RV411	24872472	Chip, 4700 ohm, 1/16W
RV421	24872561	Chip, 560 ohm, 1/16W
RV431	24872471	Chip, 470 ohm, 1/16W
RV441	24872471	Chip, 470 ohm, 1/16W
RV451	24872222	Chip, 2200 ohm, 1/16W
RV461	24872102	Chip, 1k ohm, 1/16W
RV471	24872102	Chip, 1k ohm, 1/16W
RV481	24872102	Chip, 1k ohm, 1/16W
RV491	24872102	Chip, 1k ohm, 1/16W
RV510	24011102	Chip, 1k ohm, 1/20W
RV511	24011472	Chip, 4700 ohm, 1/20W
RV520	24011472	Chip, 4700 ohm, 1/20W
RV521	24011472	Chip, 4700 ohm, 1/20W
RV522	24011472	Chip, 4700 ohm, 1/20W
RV523	24011101	Chip, 100 ohm, 1/20W
RV525	24011101	Chip, 100 ohm, 1/20W
RV527	24011101	Chip, 100 ohm, 1/20W
RV529	24011472	Chip, 4700 ohm, 1/20W
RV530	24011472	Chip, 4700 ohm, 1/20W
RV531	24011472	Chip, 4700 ohm, 1/20W
RV532	24011101	Chip, 100 ohm, 1/20W

Location No.	Part No.	Description
RV533	24011101	Chip, 100 ohm, 1/20W
RV534	24011101	Chip, 100 ohm, 1/20W
RV544	24011103	Chip, 10k ohm, 1/20W
RV545	24011103	Chip, 10k ohm, 1/20W
RV546	24011103	Chip, 10k ohm, 1/20W
RV601	24872682	Chip, 6800 ohm, 1/16W
RV841	24872750	Chip, 75 ohm, 1/16W
RV850	24872361	Chip, 360 ohm, 1/16W
RV870	24872361	Chip, 360 ohm, 1/16W
RX11	24872221	Chip, 220 ohm, 1/16W
RX12	24872221	Chip, 220 ohm, 1/16W
RX101	24011101	Chip, 100 ohm, 1/20W
RX102	24011222	Chip, 2200 ohm, 1/20W
RX103	24011123	Chip, 12k ohm, 1/20W
RX104	24011562	Chip, 5600 ohm, 1/20W
RX105	24872331	Chip, 330 ohm, 1/16W
RX106	24011151	Chip, 150 ohm, 1/20W
RX107	24011331	Chip, 330 ohm, 1/20W
RX108	24011123	Chip, 12k ohm, 1/20W
RX109	24011562	Chip, 5600 ohm, 1/20W
RX110	24872431	Chip, 430 ohm, 1/16W
RX111	24011470	Chip, 47 ohm, 1/20W
RX112	24871681	Chip, 680 ohm, 1/8W
RX113	24011121	Chip, 120 ohm, 1/20W
RX114	24011471	Chip, 470 ohm, 1/20W
RX115	24011272	Chip, 2700 ohm, 1/20W
RX116	24872102	Chip, 1k ohm, 1/16W
RX119	24011102	Chip, 1k ohm, 1/20W
RX121	24871471	Chip, 470 ohm, 1/8W
RX122	24011471	Chip, 470 ohm, 1/20W
RX123	24872471	Chip, 470 ohm, 1/16W
RX124	24011100	Chip, 10 ohm, 1/20W
RX131	24011101	Chip, 100 ohm, 1/20W
RX132	24011222	Chip, 2200 ohm, 1/20W
RX133	24011123	Chip, 12k ohm, 1/20W
RX134	24011562	Chip, 5600 ohm, 1/20W
RX135	24872331	Chip, 330 ohm, 1/16W
RX136	24011151	Chip, 150 ohm, 1/20W
RX137	24011331	Chip, 330 ohm, 1/20W
RX138	24011123	Chip, 12k ohm, 1/20W
RX139	24011562	Chip, 5600 ohm, 1/20W
RX140	24872431	Chip, 430 ohm, 1/16W
RX141	24011470	Chip, 47 ohm, 1/20W
RX142	24871681	Chip, 680 ohm, 1/8W
RX143	24011121	Chip, 120 ohm, 1/20W
RX144	24011471	Chip, 470 ohm, 1/20W
RX146	24872102	Chip, 1k ohm, 1/16W
RX149	24011102	Chip, 1k ohm, 1/20W
RX151	24011102	Chip, 1k ohm, 1/20W
RX152	24011471	Chip, 470 ohm, 1/20W
RX153	24872331	Chip, 330 ohm, 1/16W
RX154	24011100	Chip, 10 ohm, 1/20W
RX161	24011101	Chip, 100 ohm, 1/20W
RX162	24011222	Chip, 2200 ohm, 1/20W
RX163	24011123	Chip, 12k ohm, 1/20W
RX164	24011562	Chip, 5600 ohm, 1/20W
RX165	24872331	Chip, 330 ohm, 1/16W
RX166	24011151	Chip, 150 ohm, 1/20W
RX167	24011331	Chip, 330 ohm, 1/20W
RX168	24011123	Chip, 12k ohm, 1/20W
RX169	24011562	Chip, 5600 ohm, 1/20W
RX170	24872431	Chip, 430 ohm, 1/16W
RX171	24011470	Chip, 47 ohm, 1/20W
RX172	24871681	Chip, 680 ohm, 1/8W

Location No.	Part No.	Description
RX173	24011121	Chip, 120 ohm, 1/20W
RX174	24011471	Chip, 470 ohm, 1/20W
RX176	24872102	Chip, 1k ohm, 1/16W
RX179	24011102	Chip, 1k ohm, 1/20W
RX181	24011102	Chip, 1k ohm, 1/20W
RX182	24011471	Chip, 470 ohm, 1/20W
RX183	24872331	Chip, 330 ohm, 1/16W
RX184	24011100	Chip, 10 ohm, 1/20W
RX191	24011102	Chip, 1k ohm, 1/20W
RX192	24011100	Chip, 10 ohm, 1/20W
RX193	24871331	Chip, 330 ohm, 1/8W
RX195	24011100	Chip, 10 ohm, 1/20W
RX196	24011100	Chip, 10 ohm, 1/20W
RX199	24011101	Chip, 100 ohm, 1/20W
RX201	24011101	Chip, 100 ohm, 1/20W
RX202	24011221	Chip, 220 ohm, 1/20W
RX203	24011102	Chip, 1k ohm, 1/20W
RX204	24011101	Chip, 100 ohm, 1/20W
RX205	24011102	Chip, 1k ohm, 1/20W
RX211	24871100	Chip, 10 ohm, 1/8W
RX219	24011100	Chip, 10 ohm, 1/20W
RX220	24011562	Chip, 5600 ohm, 1/20W
RX221	24011272	Chip, 2700 ohm, 1/20W
RX224	24011151	Chip, 150 ohm, 1/20W
RX225	24011121	Chip, 120 ohm, 1/20W
RX227	24011100	Chip, 10 ohm, 1/20W
RX228	24011100	Chip, 10 ohm, 1/20W
RX229	24011100	Chip, 10 ohm, 1/20W
RX241	24011152	Chip, 1500 ohm, 1/20W
RX244	24011471	Chip, 470 ohm, 1/20W
RX245	24011681	Chip, 680 ohm, 1/20W
RX246	24011152	Chip, 1500 ohm, 1/20W
RX247	24011100	Chip, 10 ohm, 1/20W
RX248	24011100	Chip, 10 ohm, 1/20W
RX249	24011100	Chip, 10 ohm, 1/20W
RX301	24011103	Chip, 10k ohm, 1/20W
RX302	24011103	Chip, 10k ohm, 1/20W
RX303	24011103	Chip, 10k ohm, 1/20W
RX304	24011103	Chip, 10k ohm, 1/20W
RX306	24011100	Chip, 10 ohm, 1/20W
RX307	24011101	Chip, 100 ohm, 1/20W
RX308	24011100	Chip, 10 ohm, 1/20W
RX309	24011103	Chip, 10k ohm, 1/20W
RX310	24011100	Chip, 10 ohm, 1/20W
RX311	24011100	Chip, 10 ohm, 1/20W
RX313	24011100	Chip, 10 ohm, 1/20W
RX317	24011100	Chip, 10 ohm, 1/20W
RX319	24011100	Chip, 10 ohm, 1/20W
RX320	24011103	Chip, 10k ohm, 1/20W
RX321	24011103	Chip, 10k ohm, 1/20W
RX322	24011103	Chip, 10k ohm, 1/20W
RX323	24011103	Chip, 10k ohm, 1/20W
RX326	24011100	Chip, 10 ohm, 1/20W
RX328	24011103	Chip, 10k ohm, 1/20W
RX330	24011100	Chip, 10 ohm, 1/20W
RX331	24011100	Chip, 10 ohm, 1/20W
RX332	24011100	Chip, 10 ohm, 1/20W
RX333	24011100	Chip, 10 ohm, 1/20W
RX334	24011100	Chip, 10 ohm, 1/20W
RX335	24011100	Chip, 10 ohm, 1/20W
RX336	24011103	Chip, 10k ohm, 1/20W
RX337	24011100	Chip, 10 ohm, 1/20W
RX338	24011100	Chip, 10 ohm, 1/20W
RX339	24011100	Chip, 10 ohm, 1/20W

Location No.	Part No.	Description
RX340	24019439	Chip, 47 ohm, 1/16W
RX341	24019439	Chip, 47 ohm, 1/16W
RX342	24019439	Chip, 47 ohm, 1/16W
RX343	24019439	Chip, 47 ohm, 1/16W
RX344	24011470	Chip, 47 ohm, 1/20W
RX345	24019439	Chip, 47 ohm, 1/16W
RX346	24019439	Chip, 47 ohm, 1/16W
RX347	24019439	Chip, 47 ohm, 1/16W
RX348	24019439	Chip, 47 ohm, 1/16W
RX349	24019439	Chip, 47 ohm, 1/16W
RX350	24019439	Chip, 47 ohm, 1/16W
RX351	24019439	Chip, 47 ohm, 1/16W
RX352	24019439	Chip, 47 ohm, 1/16W
RX357	24011511	Chip, 510 ohm, 1/20W
RX358	24011470	Chip, 47 ohm, 1/20W
RX360	24011101	Chip, 100 ohm, 1/20W
RX363	24011511	Chip, 510 ohm, 1/20W
RX364	24011470	Chip, 47 ohm, 1/20W
RX366	24011101	Chip, 100 ohm, 1/20W
RX370	24011181	Chip, 180 ohm, 1/20W
RX371	24011220	Chip, 22 ohm, 1/20W
RX372	24011272	Chip, 2700 ohm, 1/20W
RX373	24011272	Chip, 2700 ohm, 1/20W
RX374	24011122	Chip, 1200 ohm, 1/20W
RX375	24011181	Chip, 180 ohm, 1/20W
RX376	24011220	Chip, 22 ohm, 1/20W
RX377	24011272	Chip, 2700 ohm, 1/20W
RX378	24011272	Chip, 2700 ohm, 1/20W
RX379	24011122	Chip, 1200 ohm, 1/20W
RX380	24011181	Chip, 180 ohm, 1/20W
RX381	24011220	Chip, 22 ohm, 1/20W
RX382	24011272	Chip, 2700 ohm, 1/20W
RX383	24011272	Chip, 2700 ohm, 1/20W
RX384	24011122	Chip, 1200 ohm, 1/20W
RX399	24011100	Chip, 10 ohm, 1/20W
RX403	24011101	Chip, 100 ohm, 1/20W
RX404	24871101	Chip, 100 ohm, 1/8W
RX405	24011101	Chip, 100 ohm, 1/20W
RX406	24871471	Chip, 470 ohm, 1/8W
RX520	24011100	Chip, 10 ohm, 1/20W
RX521	24011222	Chip, 2200 ohm, 1/20W
RX522	24011121	Chip, 120 ohm, 1/20W
RX523	24011681	Chip, 680 ohm, 1/20W
RX524	24871681	Chip, 680 ohm, 1/8W
RX525	24000445	Chip Jumper, 1680 Type
RX530	24011100	Chip, 10 ohm, 1/20W
RX531	24011222	Chip, 2200 ohm, 1/20W
RX532	24011121	Chip, 120 ohm, 1/20W
RX533	24011471	Chip, 470 ohm, 1/20W
RX534	24871681	Chip, 680 ohm, 1/8W
RX535	24000445	Chip Jumper, 1680 Type
RX540	24011100	Chip, 10 ohm, 1/20W
RX541	24011222	Chip, 2200 ohm, 1/20W
RX542	24011121	Chip, 120 ohm, 1/20W
RX543	24011471	Chip, 470 ohm, 1/20W
RX544	24871681	Chip, 680 ohm, 1/8W
RX545	24000445	Chip Jumper, 1680 Type
RX601	24011100	Chip, 10 ohm, 1/20W
RX811	24011471	Chip, 470 ohm, 1/20W
RX812	24011471	Chip, 470 ohm, 1/20W
RX821	24011151	Chip, 150 ohm, 1/20W
RX822	24011151	Chip, 150 ohm, 1/20W
RX823	24011151	Chip, 150 ohm, 1/20W
RX824	24011101	Chip, 100 ohm, 1/20W

Location No.	Part No.	Description
RX825	24011101	Chip, 100 ohm, 1/20W
RX826	24011681	Chip, 680 ohm, 1/20W
RX827	24011101	Chip, 100 ohm, 1/20W
RX829	24011102	Chip, 1k ohm, 1/20W
RX831	24000445	Chip Jumper, 1680 Type
RX832	24011100	Chip, 10 ohm, 1/20W
RX833	24011100	Chip, 10 ohm, 1/20W
RX844	24011101	Chip, 100 ohm, 1/20W
RX845	24011101	Chip, 100 ohm, 1/20W
RX890	24011682	Chip, 6800 ohm, 1/20W
RX891	24011103	Chip, 10k ohm, 1/20W
RX892	24011472	Chip, 4700 ohm, 1/20W
RX893	24011682	Chip, 6800 ohm, 1/20W
RX894	24011103	Chip, 10k ohm, 1/20W
RX895	24011472	Chip, 4700 ohm, 1/20W
RX896	24011101	Chip, 100 ohm, 1/20W
RX897	24000445	Chip Jumper, 1680 Type
RX899	24011101	Chip, 100 ohm, 1/20W
RX924	24011223	Chip, 22k ohm, 1/20W
RX934	24011223	Chip, 22k ohm, 1/20W
RX942	24011103	Chip, 10k ohm, 1/20W
RX944	24011223	Chip, 22k ohm, 1/20W
RY01	24011102	Chip, 1k ohm, 1/20W
RY02	24011471	Chip, 470 ohm, 1/20W
RY09	24011102	Chip, 1k ohm, 1/20W
RY10	24011102	Chip, 1k ohm, 1/20W
RY20	24011101	Chip, 100 ohm, 1/20W
RY21	24011101	Chip, 100 ohm, 1/20W
RY22	24011153	Chip, 15k ohm, 1/20W
RY23	24011332	Chip, 3300 ohm, 1/20W
RY24	24011102	Chip, 1k ohm, 1/20W
RY25	24011102	Chip, 1k ohm, 1/20W
RY26	24011331	Chip, 330 ohm, 1/20W
RY27	24011330	Chip, 33 ohm, 1/20W
RY28	24011153	Chip, 15k ohm, 1/20W
RY31	24011101	Chip, 100 ohm, 1/20W
RY32	24011330	Chip, 33 ohm, 1/20W
RY33	24011330	Chip, 33 ohm, 1/20W
RY68	24011152	Chip, 1500 ohm, 1/20W
RY69	24011682	Chip, 6800 ohm, 1/20W
RY79	24011103	Chip, 10k ohm, 1/20W
RY81	24872101	Chip, 100 ohm, 1/16W
RY82	24872222	Chip, 2200 ohm, 1/16W
RY87	24000824	Chip, Jumper, 2125 type
RY105	24011331	Chip, 330 ohm, 1/20W
RY106	24011101	Chip, 100 ohm, 1/20W
RY109	24011331	Chip, 330 ohm, 1/20W
RY110	24011102	Chip, 1k ohm, 1/20W
RY113	24011331	Chip, 330 ohm, 1/20W
RY114	24011102	Chip, 1k ohm, 1/20W
RY120	24011821	Chip, 820 ohm, 1/20W
RY121	24011681	Chip, 680 ohm, 1/20W
RY122	24871471	Chip, 470 ohm, 1/8W
RY123	24011561	Chip, 560 ohm, 1/20W
RY124	24011272	Chip, 2700 ohm, 1/20W
RY125	24011152	Chip, 1500 ohm, 1/20W
RY126	24011561	Chip, 560 ohm, 1/20W
RY127	24011272	Chip, 2700 ohm, 1/20W
RY128	24011152	Chip, 1500 ohm, 1/20W
RY129	24011222	Chip, 2200 ohm, 1/20W
RY131	24011101	Chip, 100 ohm, 1/20W
RY132	24011101	Chip, 100 ohm, 1/20W
RY133	24011101	Chip, 100 ohm, 1/20W
RY134	24011101	Chip, 100 ohm, 1/20W

Location No.	Part No.	Description
RY135	24011101	Chip, 100 ohm, 1/20W
RY136	24011101	Chip, 100 ohm, 1/20W
RY138	24011331	Chip, 330 ohm, 1/20W
RY139	24011222	Chip, 2200 ohm, 1/20W
RY140	24011392	Chip, 3900 ohm, 1/20W
RY150	24011102	Chip, 1k ohm, 1/20W
RY151	24011471	Chip, 470 ohm, 1/20W
RY152	24011102	Chip, 1k ohm, 1/20W
RY154	24011473	Chip, 47k ohm, 1/20W
RY155	24011102	Chip, 1k ohm, 1/20W
RY156	24011182	Chip, 1800 ohm, 1/20W
RY157	24011102	Chip, 1k ohm, 1/20W
RY190	24011103	Chip, 10k ohm, 1/20W
RY220	24011821	Chip, 820 ohm, 1/20W
RY221	24011681	Chip, 680 ohm, 1/20W
RY222	24871471	Chip, 470 ohm, 1/8W
RY223	24011561	Chip, 560 ohm, 1/20W
RY224	24011272	Chip, 2700 ohm, 1/20W
RY225	24011102	Chip, 1k ohm, 1/20W
RY226	24011561	Chip, 560 ohm, 1/20W
RY227	24011272	Chip, 2700 ohm, 1/20W
RY228	24011102	Chip, 1k ohm, 1/20W
RY230	24011101	Chip, 100 ohm, 1/20W
RY231	24011101	Chip, 100 ohm, 1/20W
RY232	24011101	Chip, 100 ohm, 1/20W
RY233	24011101	Chip, 100 ohm, 1/20W
RY256	24011101	Chip, 100 ohm, 1/20W
RY257	24011101	Chip, 100 ohm, 1/20W
RY300	24011152	Chip, 1500 ohm, 1/20W
RY301	24011221	Chip, 220 ohm, 1/20W
RY302	24011102	Chip, 1k ohm, 1/20W
RY303	24011273	Chip, 27k ohm, 1/20W
RY304	24011102	Chip, 1k ohm, 1/20W
RY305	24011331	Chip, 330 ohm, 1/20W
RY306	24011152	Chip, 1500 ohm, 1/20W
RY307	24011102	Chip, 1k ohm, 1/20W
RY308	24011181	Chip, 180 ohm, 1/20W
RY310	24011103	Chip, 10k ohm, 1/20W
RY311	24011103	Chip, 10k ohm, 1/20W
RY312	24011103	Chip, 10k ohm, 1/20W
RY313	24011103	Chip, 10k ohm, 1/20W
RY330	24011182	Chip, 1800 ohm, 1/20W
RY331	24011221	Chip, 220 ohm, 1/20W
RY332	24000445	Chip Jumper, 1680 Type
RY333	24011273	Chip, 27k ohm, 1/20W
RY334	24011331	Chip, 330 ohm, 1/20W
RY335	24011331	Chip, 330 ohm, 1/20W
RY336	24011122	Chip, 1200 ohm, 1/20W
RY337	24011102	Chip, 1k ohm, 1/20W
RY338	24011181	Chip, 180 ohm, 1/20W
RY339	24011155	Chip, 1.5M ohm, 1/20W
RY340	24011152	Chip, 1500 ohm, 1/20W
RY341	24011221	Chip, 220 ohm, 1/20W
RY342	24011102	Chip, 1k ohm, 1/20W
RY343	24011273	Chip, 27k ohm, 1/20W
RY344	24011102	Chip, 1k ohm, 1/20W
RY345	24011331	Chip, 330 ohm, 1/20W
RY346	24011152	Chip, 1500 ohm, 1/20W
RY347	24011102	Chip, 1k ohm, 1/20W
RY348	24011181	Chip, 180 ohm, 1/20W
RY349	24011155	Chip, 1.5M ohm, 1/20W
RY385	24011103	Chip, 10k ohm, 1/20W
RY386	24011152	Chip, 1500 ohm, 1/20W
RY388	24011622	Chip, 6200 ohm, 1/20W

Location No.	Part No.	Description
RY400	24011103	Chip, 10k ohm, 1/20W
RY401	24011103	Chip, 10k ohm, 1/20W
RY426	24011103	Chip, 10k ohm, 1/20W
RY440	24011103	Chip, 10k ohm, 1/20W
RY510	24011102	Chip, 1k ohm, 1/20W
RY511	24011472	Chip, 4700 ohm, 1/20W
RY520	24011472	Chip, 4700 ohm, 1/20W
RY521	24011472	Chip, 4700 ohm, 1/20W
RY522	24011472	Chip, 4700 ohm, 1/20W
RY523	24011101	Chip, 100 ohm, 1/20W
RY525	24011101	Chip, 100 ohm, 1/20W
RY527	24011101	Chip, 100 ohm, 1/20W
RY529	24011472	Chip, 4700 ohm, 1/20W
RY530	24011472	Chip, 4700 ohm, 1/20W
RY531	24011472	Chip, 4700 ohm, 1/20W
RY532	24011101	Chip, 100 ohm, 1/20W
RY533	24011101	Chip, 100 ohm, 1/20W
RY534	24011101	Chip, 100 ohm, 1/20W
RY544	24011103	Chip, 10k ohm, 1/20W
RY545	24011103	Chip, 10k ohm, 1/20W
RY546	24011103	Chip, 10k ohm, 1/20W
RY550	24011100	Chip, 10 ohm, 1/20W
RY551	24011100	Chip, 10 ohm, 1/20W
RY671	24011103	Chip, 10k ohm, 1/20W
RY673	24011103	Chip, 10k ohm, 1/20W
RY674	24011103	Chip, 10k ohm, 1/20W
RY675	24011103	Chip, 10k ohm, 1/20W
RY676	24011103	Chip, 10k ohm, 1/20W
RY677	24011103	Chip, 10k ohm, 1/20W
RY703	24011103	Chip, 10k ohm, 1/20W
RY721	24011152	Chip, 1500 ohm, 1/20W
RY722	24011152	Chip, 1500 ohm, 1/20W
RY723	24011152	Chip, 1500 ohm, 1/20W
RY741	24011101	Chip, 100 ohm, 1/20W
RY742	24011101	Chip, 100 ohm, 1/20W
RY743	24011101	Chip, 100 ohm, 1/20W
RY747	24011102	Chip, 1k ohm, 1/20W
RY751	24011222	Chip, 2200 ohm, 1/20W
RY752	24011222	Chip, 2200 ohm, 1/20W
RY753	24011222	Chip, 2200 ohm, 1/20W
RY760	24011152	Chip, 1500 ohm, 1/20W
RY761	24011682	Chip, 6800 ohm, 1/20W
RY762	24011103	Chip, 10k ohm, 1/20W
RY764	24011102	Chip, 1k ohm, 1/20W
RY767	24011101	Chip, 100 ohm, 1/20W
RY771	24011101	Chip, 100 ohm, 1/20W
RY773	24011101	Chip, 100 ohm, 1/20W
RY775	24011101	Chip, 100 ohm, 1/20W
RY804	24011333	Chip, 33k ohm, 1/20W
RY805	24011153	Chip, 15k ohm, 1/20W
RY806	24011101	Chip, 100 ohm, 1/20W
RY808	24011100	Chip, 10 ohm, 1/20W
RY810	24011101	Chip, 100 ohm, 1/20W
RY909	24011103	Chip, 10k ohm, 1/20W
RZ01	24011330	Chip, 33 ohm, 1/20W
RZ02	24011152	Chip, 1500 ohm, 1/20W
RZ03	24011682	Chip, 6800 ohm, 1/20W
RZ04	24011392	Chip, 3900 ohm, 1/20W
RZ05	24011122	Chip, 1200 ohm, 1/20W
RZ06	24011431	Chip, 430 ohm, 1/20W
RZ07	24871331	Chip, 330 ohm, 1/8W
RZ08	24011151	Chip, 150 ohm, 1/20W
RZ09	24011330	Chip, 33 ohm, 1/20W
RZ10	24011102	Chip, 1k ohm, 1/20W

Location No.	Part No.	Description
RZ11	24011561	Chip, 560 ohm, 1/20W
RZ12	24011182	Chip, 1800 ohm, 1/20W
RZ13	24011392	Chip, 3900 ohm, 1/20W
RZ14	24011123	Chip, 12k ohm, 1/20W
RZ15	24011151	Chip, 150 ohm, 1/20W
RZ16	24011102	Chip, 1k ohm, 1/20W
RZ17	24871181	Chip, 180 ohm, 1/8W
RZ18	24011121	Chip, 120 ohm, 1/20W
RZ21	24011271	Chip, 270 ohm, 1/20W
RZ26	24011102	Chip, 1k ohm, 1/20W
RZ28	24011102	Chip, 1k ohm, 1/20W
RZ30	24000445	Chip Jumper, 1680 Type
RZ31	24011104	Chip, 100k ohm, 1/20W
RZ32	24000445	Chip Jumper, 1680 Type
RZ33	24011101	Chip, 100 ohm, 1/20W
RZ34	24011101	Chip, 100 ohm, 1/20W
RZ49	24011102	Chip, 1k ohm, 1/20W
RZ60	24011102	Chip, 1k ohm, 1/20W
RZ64	24011221	Chip, 220 ohm, 1/20W
RZ65	24011224	Chip, 220k ohm, 1/20W
RZ66	24011223	Chip, 22k ohm, 1/20W
RZ67	24011102	Chip, 1k ohm, 1/20W
RZ68	24011222	Chip, 2200 ohm, 1/20W
RZ69	24011153	Chip, 15k ohm, 1/20W
RZ70	24011472	Chip, 4700 ohm, 1/20W
RZ71	24011101	Chip, 100 ohm, 1/20W
RZ72	24011103	Chip, 10k ohm, 1/20W
RZ73	24011103	Chip, 10k ohm, 1/20W
RZ74	24872229	Chip, 2.2 ohm, 1/16W
RZ101	24011101	Chip, 100 ohm, 1/20W
RZ102	24011221	Chip, 220 ohm, 1/20W
RZ103	24011102	Chip, 1k ohm, 1/20W
RZ104	24011102	Chip, 1k ohm, 1/20W
RZ105	24011821	Chip, 820 ohm, 1/20W
RZ106	24000445	Chip Jumper, 1680 Type
RZ107	24011751	Chip, 750 ohm, 1/20W
RZ109	24011102	Chip, 1k ohm, 1/20W
RZ110	24011152	Chip, 1500 ohm, 1/20W
RZ243	24011220	Chip, 22 ohm, 1/20W
RZ244	24011152	Chip, 1500 ohm, 1/20W
RZ245	24011220	Chip, 22 ohm, 1/20W
RZ246	24011152	Chip, 1500 ohm, 1/20W
RZ265	24011472	Chip, 4700 ohm, 1/20W
RZ266	24011103	Chip, 10k ohm, 1/20W
RZ800	24871330	Chip, 33 ohm, 1/8W
RZ802	24871330	Chip, 33 ohm, 1/8W
RZ804	24011330	Chip, 33 ohm, 1/20W

COILS & TRANSFORMERS

L101	23289845	Coil, Peaking, TRF4680AT
L103	23289840	Coil, Peaking, TRF4100AT
L104	23103852	Coil, Filter, TEM2028AH
L105	23103852	Coil, Filter, TEM2028AH
L111	23289845	Coil, Peaking, TRF4680AT
L113	23289840	Coil, Peaking, TRF4100AT
L121	23237999	Coil, Peaking, TRF4109AC
L122	23237999	Coil, Peaking, TRF4109AC
L301	23103859	Coil (Ferrite Bead), TEM2011
L302	23237975	Coil, Peaking, TRF4101AC
L400	23280022	Coil, Peaking, TRF4101AZ
L402	23103859	Coil (Ferrite Bead), TEM2011
L404	23103880	Coil (Ferrite Bead), TEM2011Y
L409	23248191	Coil, Choke, TLN3351AD
L410	23248183	Coil, Choke, TLN3343AD

Location No.	Part No.	Description
⚠L441	23233982	Coil, Linearity, TLN2158AG
L442	23248168	Coil, Choke, TLN3328AD
⚠L447	23248232	Coil, Choke, TLN3435AE
L460	23103880	Coil (Ferrite Bead), TEM2011Y
⚠L461	23248115	Coil, Choke, TLN3367D
L463	23103880	Coil (Ferrite Bead), TEM2011Y
L491	23228784	Transformer, TPC1015AH
L499	23248026	Coil, Choke, TLN3269D
L501	23289470	Coil, Peaking, TRF4470AF
L503	23289470	Coil, Peaking, TRF4470AF
L504	23103827	Chip (Ferrite Bead), TEM2120M
L506	23103827	Chip (Ferrite Bead), TEM2120M
L510	23103845	Coil, TEM2030AY
L702	23261974	Coil, Choke, HC5-035
L704	23103859	Coil (Ferrite Bead), TEM2011
L705	23103859	Coil (Ferrite Bead), TEM2011
L706	23237987	Coil, Peaking, TRF4100AC
L805	23248227	Coil, Choke, TLN3481AD
L806	23248227	Coil, Choke, TLN3481AD
L828	23248235	Coil, Choke, TLN3462AF
L832	23280016	Coil, Peaking, TRF4100AZ
L833	23248236	Coil, Choke, TLN3441AF
L834	23280018	Coil, Peaking, TRF4220AZ
L835	23248157	Coil, Choke, TLN3433AD
L861	23103941	Coil (Ferrite Bead), TEM2000
L862	23103880	Coil (Ferrite Bead), TEM2011Y
L883	23103880	Coil (Ferrite Bead), TEM2011Y
L884	23103880	Coil (Ferrite Bead), TEM2011Y
L885	23248073	Coil, Choke, TLN3299D
L886	23103880	Coil (Ferrite Bead), TEM2011Y
L887	23103880	Coil (Ferrite Bead), TEM2011Y
L888	23248087	Coil, Choke, TLN3312D (36HFX70)
L888	23280016	Coil, Peaking, TRF4100AZ (36HF70)
L889	23248087	Coil, Choke, TLN3312D (36HFX70)
L889	23280016	Coil, Peaking, TRF4100AZ (36HF70)
L891	23103880	Coil (Ferrite Bead), TEM2011Y
L892	23103880	Coil (Ferrite Bead), TEM2011Y
L893	23248235	Coil, Choke, TLN3462AF
L894	23248235	Coil, Choke, TLN3462AF
L895	23103880	Coil (Ferrite Bead), TEM2011Y
L896	23103880	Coil (Ferrite Bead), TEM2011Y
L897	23280016	Coil, Peaking, TRF4100AZ
L901	23200416	Coil, Degaussing, TSB-2399CK
L902	23237975	Coil, Peaking, TRF4101AC
L903	23237975	Coil, Peaking, TRF4101AC
L904	23237975	Coil, Peaking, TRF4101AC
L905	23238712	Coil, Peaking, TRF4150AJ
L906	23238712	Coil, Peaking, TRF4150AJ
L907	23238712	Coil, Peaking, TRF4150AJ
L908	23289840	Coil, Peaking, TRF4100AT
L910	23237999	Coil, Peaking, TRF4109AC
L911	23237975	Coil, Peaking, TRF4101AC
L5040	23103845	Coil, TEM2030AY
L5050	23103845	Coil, TEM2030AY
LA19	23245830	Chip, Inductor, TRF4100CB
LA22	23245830	Chip, Inductor, TRF4100CB
LB42	23245830	Chip, Inductor, TRF4100CB
LJ901	23200415	Coil, Degaussing, TSB-2398AK

Location No.	Part No.	Description
LM09	23103906	Chip (Ferrite Bead), TEM2118AS
LV01	23103852	Coil, Filter, TEM2028AH
LV04	23103852	Coil, Filter, TEM2028AH
LV06	23103852	Coil, Filter, TEM2028AH
LV07	23103852	Coil, Filter, TEM2028AH
LV08	23103852	Coil, Filter, TEM2028AH
LV09	23103852	Coil, Filter, TEM2028AH
LV15	23103852	Coil, Filter, TEM2028AH
LV17	23103852	Coil, Filter, TEM2028AH
LV19	23289560	Coil, Peaking, TRF4560AF
LV20	23289857	Coil, Peaking, TRF4560AT
LV21	23289100	Coil, Peaking, TRF4100AF
LV35	23289857	Coil, Peaking, TRF4560AT
LV37	23289840	Coil, Peaking, TRF4100AT
LV70	23103852	Coil, Filter, TEM2028AH
LV71	23289840	Coil, Peaking, TRF4100AT
LV241	23103852	Coil, Filter, TEM2028AH
LV411	23245832	Chip, Inductor, TRF4150CB
LV502	23103906	Chip (Ferrite Bead), TEM2118AS
LV503	23103906	Chip (Ferrite Bead), TEM2118AS
LX101	23246199	Chip, Inductor, TRF42R2CG
LX102	23246323	Chip, Inductor, TRF44R7CT
LX111	23103906	Chip (Ferrite Bead), TEM2118AS
LX112	23103906	Chip (Ferrite Bead), TEM2118AS
LX113	23103806	Chip (Ferrite Bead), TEM2114T
LX131	23246199	Chip, Inductor, TRF42R2CG
LX132	23246323	Chip, Inductor, TRF44R7CT
LX161	23246199	Chip, Inductor, TRF42R2CG
LX162	23246323	Chip, Inductor, TRF44R7CT
LX197	24000445	Chip Jumper, 1680 Type
LX198	23103906	Chip (Ferrite Bead), TEM2118AS
LX199	23103906	Chip (Ferrite Bead), TEM2118AS
LX201	23103906	Chip (Ferrite Bead), TEM2118AS
LX206	23103906	Chip (Ferrite Bead), TEM2118AS
LX207	23103906	Chip (Ferrite Bead), TEM2118AS
LX211	23103906	Chip (Ferrite Bead), TEM2118AS
LX221	23103906	Chip (Ferrite Bead), TEM2118AS
LX222	23103906	Chip (Ferrite Bead), TEM2118AS
LX223	23103906	Chip (Ferrite Bead), TEM2118AS
LX224	23103906	Chip (Ferrite Bead), TEM2118AS
LX225	23103906	Chip (Ferrite Bead), TEM2118AS
LX231	23103906	Chip (Ferrite Bead), TEM2118AS
LX241	23103906	Chip (Ferrite Bead), TEM2118AS
LX242	23103906	Chip (Ferrite Bead), TEM2118AS

Location No.	Part No.	Description
LX243	23103906	Chip (Ferrite Bead), TEM2118AS
LX244	23103906	Chip (Ferrite Bead), TEM2118AS
LX245	23103906	Chip (Ferrite Bead), TEM2118AS
LX301	23103886	Chip (Ferrite Bead), TEM2129AM
LX311	23103886	Chip (Ferrite Bead), TEM2129AM
LX321	23103906	Chip (Ferrite Bead), TEM2118AS
LX322	23103906	Chip (Ferrite Bead), TEM2118AS
LX341	23103906	Chip (Ferrite Bead), TEM2118AS
LX342	23103906	Chip (Ferrite Bead), TEM2118AS
LX344	23103806	Chip (Ferrite Bead), TEM2114T
LX362	23103886	Chip (Ferrite Bead), TEM2129AM
LX471	23103906	Chip (Ferrite Bead), TEM2118AS
LX473	23246325	Chip, Inductor, TRF4220CT
LX509	23103906	Chip (Ferrite Bead), TEM2118AS
LX510	23103906	Chip (Ferrite Bead), TEM2118AS
LX521	23246199	Chip, Inductor, TRF42R2CG
LX531	23246323	Chip, Inductor, TRF44R7CT
LX541	23246323	Chip, Inductor, TRF44R7CT
LX824	24000445	Chip Jumper, 1680 Type
LX825	24000445	Chip Jumper, 1680 Type
LX826	24000445	Chip Jumper, 1680 Type
LX827	24000445	Chip Jumper, 1680 Type
LX829	24000445	Chip Jumper, 1680 Type
LX844	24000445	Chip Jumper, 1680 Type
LX845	24000445	Chip Jumper, 1680 Type
LY09	23103827	Chip (Ferrite Bead), TEM2120M
LY22	23103852	Coil, Filter, TEM2028AH
LY64	23103827	Chip (Ferrite Bead), TEM2120M
LY121	23103827	Chip (Ferrite Bead), TEM2120M
LY122	23103827	Chip (Ferrite Bead), TEM2120M
LY123	23103827	Chip (Ferrite Bead), TEM2120M
LY124	23103827	Chip (Ferrite Bead), TEM2120M
LY125	23103827	Chip (Ferrite Bead), TEM2120M
LY126	23103827	Chip (Ferrite Bead), TEM2120M
LY127	23103806	Chip (Ferrite Bead), TEM2114T
LY128	23103806	Chip (Ferrite Bead), TEM2114T
LY129	23103827	Chip (Ferrite Bead), TEM2120M
LY130	23103827	Chip (Ferrite Bead), TEM2120M
LY131	23103827	Chip (Ferrite Bead), TEM2120M
LY170	23103806	Chip (Ferrite Bead), TEM2114T

Location No.	Part No.	Description
LY227	23103806	Chip (Ferrite Bead), TEM2114T
LY300	24000445	Chip Jumper, 1680 Type
LY301	24000445	Chip Jumper, 1680 Type
LY302	24000445	Chip Jumper, 1680 Type
LY330	23103806	Chip (Ferrite Bead), TEM2114T
LY331	23103806	Chip (Ferrite Bead), TEM2114T
LY340	24000445	Chip Jumper, 1680 Type
LY341	24000445	Chip Jumper, 1680 Type
LY342	24000445	Chip Jumper, 1680 Type
LY502	23103906	Chip (Ferrite Bead), TEM2118AS
LY503	23103906	Chip (Ferrite Bead), TEM2118AS
LY701	24000445	Chip Jumper, 1680 Type
LY800	23103827	Chip (Ferrite Bead), TEM2120M
LY804	23103828	Chip (Ferrite Bead), TEM2121M
LY806	23103828	Chip (Ferrite Bead), TEM2121M
LY807	23103906	Chip (Ferrite Bead), TEM2118AS
LY808	23103827	Chip (Ferrite Bead), TEM2120M
LY809	23103827	Chip (Ferrite Bead), TEM2120M
LZ03	24000445	Chip Jumper, 1680 Type
LZ05	23103906	Chip (Ferrite Bead), TEM2118AS
LZ09	23103906	Chip (Ferrite Bead), TEM2118AS
LZ20	23246316	Chip, Inductor, TRF44R7CR
LZ21	23246317	Chip, Inductor, TRF4100CR
LZ22	23246199	Chip, Inductor, TRF42R2CG
LZ25	23103906	Chip (Ferrite Bead), TEM2118AS
LZ26	23103906	Chip (Ferrite Bead), TEM2118AS
LZ28	23103906	Chip (Ferrite Bead), TEM2118AS
LZ29	23103906	Chip (Ferrite Bead), TEM2118AS
LZ30	24000445	Chip Jumper, 1680 Type
LZ31	23103906	Chip (Ferrite Bead), TEM2118AS
LZ32	23103906	Chip (Ferrite Bead), TEM2118AS
LZ34	24000445	Chip Jumper, 1680 Type
LZ35	23103906	Chip (Ferrite Bead), TEM2118AS
LZ36	23103906	Chip (Ferrite Bead), TEM2118AS
LZ38	23103906	Chip (Ferrite Bead), TEM2118AS
LZ39	23103906	Chip (Ferrite Bead), TEM2118AS
LZ96	23246206	Chip, Inductor, TRF48R2CG
LZ100	23246223	Chip, Inductor, TRF4330CG
LZ101	23103827	Chip (Ferrite Bead), TEM2120M
LZ102	23103827	Chip (Ferrite Bead), TEM2120M
LZ103	23103906	Chip (Ferrite Bead), TEM2118AS

Location No.	Part No.	Description
LZ104	23246219	Chip, Inductor, TRF4150CG
LZ105	23246222	Chip, Inductor, TRF4270CG
LZ106	24000445	Chip Jumper, 1680 Type
T400	23224364	Transformer, Focus, TLN2168AH
T401	23224371	Transformer, Horiz, Drive, TLN1080AH
⚠T461Z	23236644	Transformer, Flyback, TFB4165ZD
T801	23211698	Line Filter, TRF3218AK
T803	23211729	Line Filter, TRF3232AQ
T840	23217233	Transformer, Converter, TPW1547AZ
T862	23217485	Transformer, Converter, TPW3462AS

SEMICONDUCTORS

Q151	A6541130	Transistor, 2SA1162-Y
Q152	A6335470	Transistor, 2SC2712-Y
Q201	23114528	Transistor, 2SC1740S, Q
Q210	A6549570	Transistor, 2SA1586-Y
Q211	23314993	Transistor, 2SC4081T106Q
Q220	A6002040	Transistor, RN1204
Q252	A6335470	Transistor, 2SC2712-Y
Q301	23905610	IC, LA7846N
Q301B	70391355	Screw, BITTB3X8 SZN
Q302	B0385853	IC, TA1241AN
Q305	23906077	IC, TCA0372 DP1
Q306	23114530	Transistor, 2SA933S-Q
Q307	23114528	Transistor, 2SC1740S, Q
Q308	23114528	Transistor, 2SC1740S, Q
Q340	A6335470	Transistor, 2SC2712-Y
Q360	A6335470	Transistor, 2SC2712-Y
Q370	23114530	Transistor, 2SA933S-Q
Q390	B0350510	IC, TA75558S
Q402	A6325413	Transistor, 2SC2235-O
Q404	A6374144	Transistor, 2CS5570
Q404B	A8012650	Spacer, AC263
Q404D	72471082	Screw, BRDT2W3X10 SZN
Q408	A6002020	Transistor, RN1202
Q409	A6002020	Transistor, RN1202
Q410	A6549570	Transistor, 2SA1586-Y
Q418	23314141	Transistor, 2SC3852
Q418B	70391354	Screw, BITTB3X6 SZN
Q420	B01A0156	IC, TA1318N
Q422	A6004040	Transistor, RN1404
Q425	A6335470	Transistor, 2SC2712-Y
Q426	A6004060	Transistor, RN1406
Q427	A6004060	Transistor, RN1406
Q428	A6004060	Transistor, RN1406
Q430	23319202	IC, MC7809CT
Q431	A6004040	Transistor, RN1404
Q434	23314917	Transistor, 2SK2003-01MR
Q437	23114528	Transistor, 2SC1740S, Q
Q438	A6066750	Transistor, 2SK1356
Q460	23314938	Transistor, 2SD2493(P)
Q460B	72471082	Screw, BRDT2W3X10 SZN
Q462	23114530	Transistor, 2SA933S-Q
Q465	23114530	Transistor, 2SA933S-Q
Q470	A6335470	Transistor, 2SC2712-Y
Q470	A6532853	Transistor, 2SA949-Y(C)
Q476	A6002050	Transistor, RN1205
Q484	23114530	Transistor, 2SA933S-Q
Q486	23114528	Transistor, 2SC1740S, Q

Location No.	Part No.	Description
Q495	A8641063	Photo Coupler, TLP521-1
Q498	A6002060	Transistor, RN1206
Q501	B0386049	IC, TA1270AF(J)
Q502	23000263	IC, BU4053BCF-E2
Q503	A6549570	Transistor, 2SA1586-Y
Q504	23314993	Transistor, 2SC4081T106Q
Q510	B01A0150	IC, TA1316N
Q550	A6541130	Transistor, 2SA1162-Y
Q551	A6541130	Transistor, 2SA1162-Y
Q552	A6541130	Transistor, 2SA1162-Y
Q610	B0377308	IC, TA8256BH (36HFX70)
Q610	23906880	IC, TA8246AH (36HF70)
Q610B	70391355	Screw, BITTB3X8 SZN
Q611	A6359870	Transistor, 2SC3326-B
Q612	A6541130	Transistor, 2SA1162-Y
Q613	A6359870	Transistor, 2SC3326-B
Q621	23000381	IC, CXA2021S
Q622	B01A0119	IC, TA1304F(EL)
Q670	A6359870	Transistor, 2SC3326-B (36HFX70)
Q705	A6317440	Transistor, 2SC1815-Y
Q706	A6317440	Transistor, 2SC1815-Y
Q707	A6734590	Transistor, 2SC752(G)TM-Y
Q709	A6317440	Transistor, 2SC1815-Y
Q710	A6534040	Transistor, 2SA1015-Y
Q711	A6550640	Transistor, 2SA1837
Q712	A6369650	Transistor, 2SC4793
Q719	A6317440	Transistor, 2SC1815-Y
Q720	A6317440	Transistor, 2SC1815-Y
Q801	23135013	IC, STR-Z4317
Q801B	23476828	Bracket
Q805	A6002050	Transistor, RN1205
Q832	23319202	IC, MC7809CT
Q832B	70391355	Screw, BITTB3X8 SZN
Q833	23319202	IC, MC7809CT
Q833B	70391355	Screw, BITTB3X8 SZN
Q834	23319202	IC, MC7809CT
Q834B	70391355	Screw, BITTB3X8 SZN
Q835	23000546	IC, SI-8050SS
Q835B	70391355	Screw, BITTB3X8 SZN
Q836	A6002060	Transistor, RN1206
Q839	23905239	IC, PQ30RV1
Q839B	70391355	Screw, BITTB3X8 SZN
Q840	23318299	IC, L78MR05
Q840B	70391355	Screw, BITTB3X8 SZN
Q843	A6002050	Transistor, RN1205
Q862	A8643112	Photo Coupler, TLP621(GRL-L
⚠Q883	23319692	IC, SE130N, LF4
Q901	23314811	Transistor, 2SC5147
Q902	A6317440	Transistor, 2SC1815-Y
Q903	23314811	Transistor, 2SC5147
Q904	A6317440	Transistor, 2SC1815-Y
Q905	23314811	Transistor, 2SC5147
Q906	A6317440	Transistor, 2SC1815-Y
Q907	A6534145	Transistor, 2SA1020-Y(C)
Q908	A6321240	Transistor, 2SC2120-Y
Q910	A6317440	Transistor, 2SC1815-Y
Q911	A6317440	Transistor, 2SC1815-Y
Q912	A6534040	Transistor, 2SA1015-Y
Q913	A6534040	Transistor, 2SA1015-Y
Q914	A6317440	Transistor, 2SC1815-Y
Q917	A6317440	Transistor, 2SC1815-Y
Q918	A6317440	Transistor, 2SC1815-Y
Q919	A6317440	Transistor, 2SC1815-Y

Location No.	Part No.	Description
Q920	A6317440	Transistor, 2SC1815-Y
Q921	A6317440	Transistor, 2SC1815-Y
Q922	A6317440	Transistor, 2SC1815-Y
Q2104	23114530	Transistor, 2SA933S-Q
Q2105	23114530	Transistor, 2SA933S-Q
Q2106	23114530	Transistor, 2SA933S-Q
Q3103	A6541130	Transistor, 2SA1162-Y
Q4460	23114528	Transistor, 2SC1740S, Q
Q4461	23114528	Transistor, 2SC1740S, Q
Q4462	23114528	Transistor, 2SC1740S, Q
Q4464	A6541130	Transistor, 2SA1162-Y
Q4465	A6335470	Transistor, 2SC2712-Y
Q4819	23114528	Transistor, 2SC1740S, Q
QA01	23000533	IC, MN102L35GFF
QA02	23906642	IC, AT24C64-10PC
QA04	23905321	IC, 24LC16B-I/P
QA05	70119743	IC, PST523D
QA14	A6541130	Transistor, 2SA1162-Y
QA27	23904896	IC, JLC1562BFEL
QA71	A6541130	Transistor, 2SA1162-Y
QB03	A6004050	Transistor, RN1405
QB11	23114528	Transistor, 2SC1740S, Q
QB14	A6541130	Transistor, 2SA1162-Y
QB30	23114528	Transistor, 2SC1740S, Q
QB41	A6541130	Transistor, 2SA1162-Y
QB42	A6541130	Transistor, 2SA1162-Y
QB43	A6335470	Transistor, 2SC2712-Y
QB44	A6004040	Transistor, RN1404
QB45	A6335470	Transistor, 2SC2712-Y
QB92	A6335470	Transistor, 2SC2712-Y
QB93	23314202	Transistor, 2SA1037K, Q
QB94	23314202	Transistor, 2SA1037K, Q
QB95	23314202	Transistor, 2SA1037K, Q
QB96	23314202	Transistor, 2SA1037K, Q
QD01	B01A0107	IC, TA2136N
QJ02	23114528	Transistor, 2SC1740S, Q
QJ03	A6325620	Transistor, 2SC2238-Y
QJ04	23114528	Transistor, 2SC1740S, Q
QM03	A6335470	Transistor, 2SC2712-Y
QM15	A6361770	Transistor, 2SC3437-Y
QR02	A6335470	Transistor, 2SC2712-Y
QR90	A6335470	Transistor, 2SC2712-Y
QR91	A6335470	Transistor, 2SC2712-Y
QS01	A6359870	Transistor, 2SC3326-B
QS11	A6359870	Transistor, 2SC3326-B
QS12	A6014040	Transistor, RN2404
QS13	A6335470	Transistor, 2SC2712-Y
QS14	A6335470	Transistor, 2SC2712-Y
QS101	23318820	IC, BA10358-E2
QS102	A6014040	Transistor, RN2404
QS103	A6359870	Transistor, 2SC3326-B
QS104	A6359870	Transistor, 2SC3326-B
QS120	23906597	IC, BA4558F-E2 (36HF70)
QV01	B0384761	IC, TA8851CN
QV02	23905590	IC, M52055FP
QV10	23114528	Transistor, 2SC1740S, Q
QV18	23114528	Transistor, 2SC1740S, Q
QV19	A6004040	Transistor, RN1404
QV24	A6335470	Transistor, 2SC2712-Y
QV25	A6335470	Transistor, 2SC2712-Y
QV26	A6335470	Transistor, 2SC2712-Y
QV30	23905590	IC, M52055FP
QV160	A6004030	Transistor, RN1403
QV243	A6541130	Transistor, 2SA1162-Y

Location No.	Part No.	Description
QV244	A6335470	Transistor, 2SC2712-Y
QV245	A6335470	Transistor, 2SC2712-Y
QV246	A6335470	Transistor, 2SC2712-Y
QV247	A6335470	Transistor, 2SC2712-Y
QV248	A6541130	Transistor, 2SA1162-Y
QV249	A6335470	Transistor, 2SC2712-Y
QV260	A6335470	Transistor, 2SC2712-Y
QV401	A6335470	Transistor, 2SC2712-Y
QV411	A6335470	Transistor, 2SC2712-Y
QV421	A6541130	Transistor, 2SA1162-Y
QV431	A6541130	Transistor, 2SA1162-Y
QV501	23318981	IC, MC14053BFEL
QV504	A6549570	Transistor, 2SA1586-Y
QV505	A6549570	Transistor, 2SA1586-Y
QV506	A6549570	Transistor, 2SA1586-Y
QV507	A6549570	Transistor, 2SA1586-Y
QV508	A6549570	Transistor, 2SA1586-Y
QV509	A6549570	Transistor, 2SA1586-Y
QV524	23314993	Transistor, 2SC4081T106Q
QX101	23314993	Transistor, 2SC4081T106Q
QX102	23314347	Transistor, IMX2 T108
QX103	23314993	Transistor, 2SC4081T106Q
QX104	23314993	Transistor, 2SC4081T106Q
QX108	23314993	Transistor, 2SC4081T106Q
QX109	A6030670	IC, TC7S66F
QX110	A6549570	Transistor, 2SA1586-Y
QX131	23314993	Transistor, 2SC4081T106Q
QX132	23314347	Transistor, IMX2 T108
QX133	23314993	Transistor, 2SC4081T106Q
QX134	23314993	Transistor, 2SC4081T106Q
QX138	23314993	Transistor, 2SC4081T106Q
QX139	A6030670	IC, TC7S66F
QX140	A6549570	Transistor, 2SA1586-Y
QX161	23314993	Transistor, 2SC4081T106Q
QX162	23314347	Transistor, IMX2 T108
QX163	23314993	Transistor, 2SC4081T106Q
QX164	23314993	Transistor, 2SC4081T106Q
QX168	23314993	Transistor, 2SC4081T106Q
QX169	A6030670	IC, TC7S66F
QX170	A6549570	Transistor, 2SA1586-Y
QX191	23000197	IC, SN74AHC2G53H
QX192	23314345	Transistor, IMZ1 T108
QX195	A6030695	IC, TC7SH32FU(BR
QX196	A6030695	IC, TC7SH32FU(BR
QX201	23314993	Transistor, 2SC4081T106Q
QX202	23314993	Transistor, 2SC4081T106Q
QX211	23000283	IC, R1121N331B-T
QX219	A6030670	IC, TC7S66F
QX220	23905939	IC, TLC2933IPW
QX221	A6030620	IC, TC7S04F
QX231	23000283	IC, R1121N331B-T
QX240	23905013	IC, TLC29321PW
QX241	A6030620	IC, TC7S04F
QX300	23000365	IC, TC90A63F
QX310	23000198	IC, EM636327Q-8
QX322	23314352	Transistor, IMT2 T108
QX332	23314352	Transistor, IMT2 T108
QX470	B0487819	IC, TC74HCT32AF
QX471	23314993	Transistor, 2SC4081T106Q
QX472	23314993	Transistor, 2SC4081T106Q
QX521	A6549570	Transistor, 2SA1586-Y
QX522	A6549570	Transistor, 2SA1586-Y
QX531	A6549570	Transistor, 2SA1586-Y
QX532	A6549570	Transistor, 2SA1586-Y

Location No.	Part No.	Description
QX541	A6549570	Transistor, 2SA1586-Y
QX542	A6549570	Transistor, 2SA1586-Y
QX904	23314993	Transistor, 2SC4081T106Q
QX910	23000263	IC, BU4053BCF-E2
QX951	23000263	IC, BU4053BCF-E2
QX952	23314993	Transistor, 2SC4081T106Q
QX953	23314993	Transistor, 2SC4081T106Q
QY01	B0386049	IC, TA1270AF(J)
QY03	A7010005	IC, TC90A66F(BR,
QY06	23000408	IC, 1V04166-30TB
QY10	A6549570	Transistor, 2SA1586-Y
QY12	A6549570	Transistor, 2SA1586-Y
QY20	23000376	IC, BA033LBSG-TR
QY21	23000283	IC, R1121N331B-T
QY30	23314993	Transistor, 2SC4081T106Q
QY101	A6549570	Transistor, 2SA1586-Y
QY104	23314993	Transistor, 2SC4081T106Q
QY105	23314993	Transistor, 2SC4081T106Q
QY106	23314993	Transistor, 2SC4081T106Q
QY107	A6549570	Transistor, 2SA1586-Y
QY108	A6549570	Transistor, 2SA1586-Y
QY109	A6549570	Transistor, 2SA1586-Y
QY116	23314993	Transistor, 2SC4081T106Q
QY207	A6549570	Transistor, 2SA1586-Y
QY208	A6549570	Transistor, 2SA1586-Y
QY209	A6549570	Transistor, 2SA1586-Y
QY260	A6335470	Transistor, 2SC2712-Y
QY300	23000366	IC, TLC2943IDB
QY301	A6030630	IC, TC7S08F
QY302	A6030670	IC, TC7S66F
QY330	23905939	IC, TLC2933IPW
QY331	A6030620	IC, TC7S04F
QY332	A6030670	IC, TC7S66F
QY333	A6030898	IC, TC4W53FU(BRA
QY341	A6030620	IC, TC7S04F
QY342	A6030670	IC, TC7S66F
QY382	23314993	Transistor, 2SC4081T106Q
QY501	23318981	IC, MC14053BFEL
QY504	A6549570	Transistor, 2SA1586-Y
QY505	A6549570	Transistor, 2SA1586-Y
QY506	A6549570	Transistor, 2SA1586-Y
QY507	A6549570	Transistor, 2SA1586-Y
QY508	A6549570	Transistor, 2SA1586-Y
QY509	A6549570	Transistor, 2SA1586-Y
QY524	23314993	Transistor, 2SC4081T106Q
QY700	B0386238	IC, TA1287F
QY721	23314993	Transistor, 2SC4081T106Q
QY722	23314993	Transistor, 2SC4081T106Q
QY723	23314993	Transistor, 2SC4081T106Q
QY751	23314993	Transistor, 2SC4081T106Q
QY752	23314993	Transistor, 2SC4081T106Q
QY753	23314993	Transistor, 2SC4081T106Q
QY760	23314993	Transistor, 2SC4081T106Q
QZ01	23000108	IC, μPD64082
QZ02	23000438	IC, B416256A-35J
QZ04	A6549570	Transistor, 2SA1586-Y
QZ05	A6549570	Transistor, 2SA1586-Y
QZ06	23314993	Transistor, 2SC4081T106Q
QZ14	A6549570	Transistor, 2SA1586-Y
QZ16	23314993	Transistor, 2SC4081T106Q
QZ17	A6549570	Transistor, 2SA1586-Y
QZ18	23314993	Transistor, 2SC4081T106Q
QZ20	23314993	Transistor, 2SC4081T106Q
QZ21	23314993	Transistor, 2SC4081T106Q

Location No.	Part No.	Description
QZ22	23314993	Transistor, 2SC4081T106Q
QZ23	A6549570	Transistor, 2SA1586-Y
QZ24	23314993	Transistor, 2SC4081T106Q
QZ100	B0410868	IC, TC90A45F
QZ101	23314993	Transistor, 2SC4081T106Q
QZ102	23314993	Transistor, 2SC4081T106Q
QZ103	A6549570	Transistor, 2SA1586-Y
D101	23316754	Diode, Zener, MTZJ33B
D301	23316472	Diode, RGP10J
D302	23316472	Diode, RGP10J
D303	23316794	Diode, SC570A
D312	23118041	Diode, MA111-(TX)
D321	23316761	Diode, Zener, MTZJ39A
D330	23118041	Diode, MA111-(TX)
D335	23316715	Diode, Zener, MTZJ11A
D336	23316672	Diode, Zener, MTZJ5.6B
D337	23316672	Diode, Zener, MTZJ5.6B
D338	23316655	Diode, Zener, MTZJ3.0B
D341	23118041	Diode, MA111-(TX)
D370	23316672	Diode, Zener, MTZJ5.6B
D371	23118859	Diode, 1SS133
D390	23316651	Diode, Zener, MTZJ2.4B
D395	23316725	Diode, Zener, MTZJ15B
D404	23224366	Diode, FMQ-3GU
D404B	70391355	Screw, BITTB3X8 SZN
D406	23316472	Diode, RGP10J
D408	23316472	Diode, RGP10J
D410	23118094	Diode, EU2A, LF-F10
D412	23118094	Diode, EU2A, LF-F10
D413	23118859	Diode, 1SS133
D415	23316472	Diode, RGP10J
D417	23316726	Diode, Zener, MTZJ15C
D419	23316716	Diode, Zener, MTZJ11B
D420	23316716	Diode, Zener, MTZJ11B
D422	23316591	Diode, Zener, MA8100-M, TX
D423	23115532	Diode, ERB12-01
D424	23357076	Diode, Zener, HZS6.8N B2
D432	23115532	Diode, ERB12-01
D467	23118094	Diode, EU2A
D470	23316758	Diode, Zener, MTZJ36B
D471	23316472	Diode, RGP10J
D475	23316715	Diode, Zener, MTZJ11A
D476	23118859	Diode, 1SS133
D479	23118041	Diode, MA111-(TX)
D480	23118859	Diode, 1SS133
D481	23118859	Diode, 1SS133
⚠ D484	23115774	Diode, Zener, RD6.2E(4)
D485	23316684	Diode, Zener, MTZJ8.2B
D502	23118041	Diode, MA111-(TX)
D503	23118041	Diode, MA111-(TX)
D505	23316622	Diode, Zener, MA8270-M, TX
D520	23316647	Diode, Zener, MTZJ2.0B
D601	23118041	Diode, MA111-(TX)
D602	23118041	Diode, MA111-(TX)
D603	23118041	Diode, MA111-(TX)
D604	23118041	Diode, MA111-(TX)
D607	23118262	Diode, Zener, RD33M-T1BB
D611	23118041	Diode, MA111-(TX)
D612	23316557	Diode, HSM221C, TL
D613	23118041	Diode, MA111-(TX)
D614	23118041	Diode, MA111-(TX)
D704	23115537	Diode, 1SS131
D705	23115537	Diode, 1SS131
D715	23115537	Diode, 1SS131

Location No.	Part No.	Description
D721	23115537	Diode, 1SS131
D801	23357041	Diode, LN6SB60-F05
D801B	70391356	Screw, BITTB3X10 SZN
D835	23118096	Diode, RK34, LF-A4
D836	23316782	Diode, Zener, MTZJ6.2C
D837	23316678	Diode, Zener, MTZJ6.8B
D840	23316962	Diode, S1WBA20 4101
D845	23118859	Diode, 1SS133
D855	23118859	Diode, 1SS133
D862	23316472	Diode, RGP10J
D864	23316813	Diode, EG1
D873	23316690	Diode, Zener, MTZJ10B
D875	23316689	Diode, Zener, MTZJ10A
D876	23316747	Diode, Zener, MTZJ27C
D879	23316747	Diode, Zener, MTZJ27C
D881	23118859	Diode, 1SS133
D883	23357018	Diode, RL2, LF-C1
D884	23357018	Diode, RL2, LF-C1
D885	23316819	Diode, RU4YX, LF015
D886	23316819	Diode, RU4YX, LF015
D892	23316184	Diode, FML-G12S
D892B	70391355	Screw, BITTB3X8 SZN
D893	23316184	Diode, FML-G12S
D893B	70391355	Screw, BITTB3X8 SZN
D895	23118094	Diode, EU2A, LF-F10
D896	23118094	Diode, EU2A, LF-F10
D899	24019485	Varistor, TNR10V431K35
D901	23118859	Diode, 1SS133
D904	23118859	Diode, 1SS133
D905	23118859	Diode, 1SS133
D906	23118859	Diode, 1SS133
D907	23118859	Diode, 1SS133
D908	23118859	Diode, 1SS133
D909	23118859	Diode, 1SS133
D911	A7568250	Diode, 1S1834
D921	A7568250	Diode, 1S1834
D931	23118859	Diode, 1SS133
D932	23118859	Diode, 1SS133
D933	23118859	Diode, 1SS133
D934	23118859	Diode, 1SS133
D941	23118859	Diode, 1SS133
D942	23118859	Diode, 1SS133
D943	23118859	Diode, 1SS133
D946	23118859	Diode, 1SS133
D963	23118859	Diode, 1SS133
D964	23118859	Diode, 1SS133
D965	23118859	Diode, 1SS133
D966	23118859	Diode, 1SS133
D970	23118859	Diode, 1SS133
D4385	23316680	Diode, Zener, MTZJ7.5A
D4386	23118859	Diode, 1SS133
D4461	23118041	Diode, MA111-(TX)
D4818	23316749	Diode, Zener, MTZJ30A
D4819	A7801168	SCR, SF0R3G42(N)
DA02	23316574	Diode, Zener, MA8062-M, TX
DA11	23118859	Diode, 1SS133
DA12	23118041	Diode, MA111-(TX)
DA13	23118041	Diode, MA111-(TX)
DA14	23118041	Diode, MA111-(TX)
DA15	23118041	Diode, MA111-(TX)
DA34	23118041	Diode, MA111-(TX)
DA170	23316575	Diode, Zener, MA8062-H, TX
DB01	23358501	Diode (LED), SCL003URC5F
DB03	23358522	Diode (LED), SIR-56SB3F

Location No.	Part No.	Description
DB05	23316675	Diode, Zener, MTZJ6.2B
DB10	23316574	Diode, Zener, MA8062-M, TX
DB11	23118041	Diode, MA111-(TX)
DB12	23118041	Diode, MA111-(TX)
DB13	23118041	Diode, MA111-(TX)
DB14	23118041	Diode, MA111-(TX)
DB30	23118859	Diode, 1SS133
DB40	23118041	Diode, MA111-(TX)
DB42	23316574	Diode, Zener, MA8062-M, TX
DJ01	23118859	Diode, 1SS133
DJ02	23316726	Diode, Zener, MTZJ15C
DR90	23118041	Diode, MA111-(TX)
DS106	23316583	Diode, Zener, MA8039-H, TX
DS120	23316740	Diode, Zener, MTZJ22D (36HF70)
DV01	23316587	Diode, Zener, MA8091-L, TX
DV02	23316587	Diode, Zener, MA8091-L, TX
DV03	23316587	Diode, Zener, MA8091-L, TX
DV07	23316587	Diode, Zener, MA8091-L, TX
DV08	23316587	Diode, Zener, MA8091-L, TX
DV09	23316587	Diode, Zener, MA8091-L, TX
DV11	23316587	Diode, Zener, MA8091-L, TX
DV13	23316587	Diode, Zener, MA8091-L, TX
DV17	23316587	Diode, Zener, MA8091-L, TX
DV18	23316587	Diode, Zener, MA8091-L, TX
DV121	23316587	Diode, Zener, MA8091-L, TX
DV161	23316587	Diode, Zener, MA8091-L, TX
DV162	23316587	Diode, Zener, MA8091-L, TX
DV163	23316587	Diode, Zener, MA8091-L, TX

MISCELLANEOUS

B230	23037312	Screw, BTBW 3X12 SZN
B231	23035412	Screw, BTB 4X12 SZN
B232	23035312	Screw, BTB 3X12 SZN
BB13A	23903022	Socket, 8P
BB13B	23903022	Socket, 8P
BB16A	23903022	Socket, 8P
BB16B	23903022	Socket, 8P
BB80A	23368517	Plug, B-B, 6P
BB80B	23902749	Socket, B-B, 6P
BB130	23368627	Plug, 8P
BB160	23368627	Plug, 8P
F470	23144849	Fuse, 2.0A, 250V
F470A	23165433	Holder, Fuse
F801	23144745	Fuse, 10.0A, 125V
F801A	23165433	Holder, Fuse
F860	23144456	Fuse, 5.0A, 125V
F889	23144456	Fuse, 5.0A, 125V
F890	23144456	Fuse, 5.0A, 125V
F891	23144456	Fuse, 5.0A, 125V
G101	24872101	Chip, 100 ohm, 1/16W
G102	24872101	Chip, 100 ohm, 1/16W
G301	24366472	CF, 4700 ohm
G306	24366222	CF, 2200 ohm
G312	24366272	CF, 2700 ohm
G370	24338159	MF, 1.5 ohm, 1W
⚠ G883	23316679	Diode, Zener, MTZJ6.8C
GJ01	24000445	Chip Jumper, 1680 Type
GJ02	24000445	Chip Jumper, 1680 Type
GJ03	24000445	Chip Jumper, 1680 Type
GJ04	24000445	Chip Jumper, 1680 Type
GJ16	24000445	Chip Jumper, 1680 Type
GJ17	24000445	Chip Jumper, 1680 Type
GJ25	24000445	Chip Jumper, 1680 Type

Location No.	Part No.	Description
GJ120	24000824	Chip Jumper, 2125Type (36HFX70)
GJ501	24000445	Chip Jumper, 1680 Type
GR03	24000445	Chip Jumper, 1680 Type
GR04	24000445	Chip Jumper, 1680 Type
GR07	24000445	Chip Jumper, 1680 Type
GR09	24000445	Chip Jumper, 1680 Type
GR10	24000445	Chip Jumper, 1680 Type
GR24	24000824	Chip Jumper, 2125Type
GR25	24000824	Chip Jumper, 2125Type
GR32	24000576	Chip Jumper, 3216 type
GR33	24000576	Chip Jumper, 3216 type
GR34	24000576	Chip Jumper, 3216 type
GR35	24000576	Chip Jumper, 3216 type
GR36	24000576	Chip Jumper, 3216 type
GR37	24000576	Chip Jumper, 3216 type
GR38	24000576	Chip Jumper, 3216 type
GR39	24000576	Chip Jumper, 3216 type
GR68	24000824	Chip Jumper, 2125Type
GR69	24000445	Chip Jumper, 1680 Type
GR70	24000445	Chip Jumper, 1680 Type
GR90	24000824	Chip Jumper, 2125Type
GR101	24000824	Chip Jumper, 2125Type
GR102	24000824	Chip Jumper, 2125Type
GR104	23103822	Chip (Ferrite Bead), TEM2117T
GR107	24000824	Chip Jumper, 2125Type
H003	23344421	RF Switch, RSU133X6
H003A	23740989	Nut, F-Connector
JM03	24000445	Chip Jumper, 1680 Type
JM04	24000445	Chip Jumper, 1680 Type
JM06	24000445	Chip Jumper, 1680 Type
JM07	24000445	Chip Jumper, 1680 Type
JR02	24000445	Chip Jumper, 1680 Type
JV504	24000445	Chip Jumper, 1680 Type
JX101	24000445	Chip Jumper, 1680 Type
JX206	24000445	Chip Jumper, 1680 Type
JX207	24000445	Chip Jumper, 1680 Type
JX222	24000445	Chip Jumper, 1680 Type
JX226	24000445	Chip Jumper, 1680 Type
JX242	24000445	Chip Jumper, 1680 Type
JX246	24109103	Chip, 0.01μF, $\pm$10%, 25V
JX475	24000445	Chip Jumper, 1680 Type
JX811	24000445	Chip Jumper, 1680 Type
JX812	24000445	Chip Jumper, 1680 Type
JY02	24000445	Chip Jumper, 1680 Type
JY19	24000445	Chip Jumper, 1680 Type
JY20	24000445	Chip Jumper, 1680 Type
JY22	24000445	Chip Jumper, 1680 Type
JY26	24000445	Chip Jumper, 1680 Type
JY27	24000445	Chip Jumper, 1680 Type
JY29	24000445	Chip Jumper, 1680 Type
JY201	24000445	Chip Jumper, 1680 Type
JY301	24000445	Chip Jumper, 1680 Type
JY504	24000445	Chip Jumper, 1680 Type
JZ01	24000445	Chip Jumper, 1680 Type
JZ02	24000576	Chip Jumper, 3216 type
JZ03	24000445	Chip Jumper, 1680 Type
KB01	23906805	Remote Sensor, PIC-TB17
M461A	23192945	Anode Cap, TCCP5162
M461B	23505090	Cable, Forcus
P311A	23902863	Socket, 20P
P311B	23368520	Plug, B-B, 20P
P312A	23902863	Socket, 20P
P312B	23368520	Plug, B-B, 20P

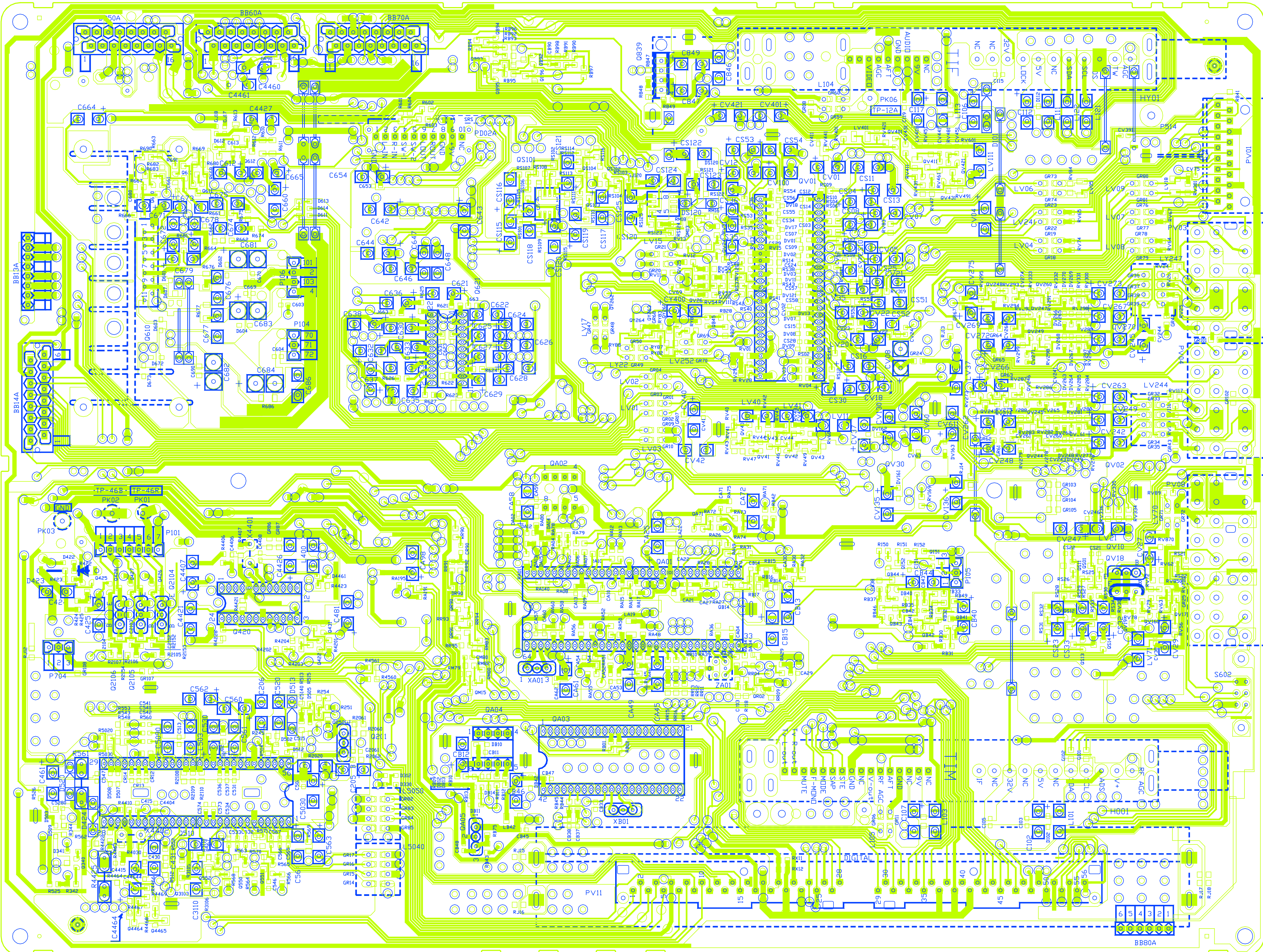
Location No.	Part No.	Description
P801	23372113	Power Cord
PD02	23368130	Plug, 10P
PD02A	23902213	Socket, B-B, 10P
PV01	23365274	Jack, 2S6P
PV02	23365819	Jack, 1S3P
PV03	23365949	Jack, 5P
PV04	23365949	Jack, 5P
PV08	23365273	Jack, IJB69-TI, 6P
PV11	23903040	Socket, 56P
S602	23145409	Switch, Slide, 2C2P
SA01	23145227	Switch, Push, 1C1P
SA02	23145227	Switch, Push, 1C1P
SA03	23145227	Switch, Push, 1C1P
SA04	23145227	Switch, Push, 1C1P
SA05	23145227	Switch, Push, 1C1P
SA06	23145227	Switch, Push, 1C1P
SA07	23145227	Switch, Push, 1C1P
SA08	23145227	Switch, Push, 1C1P
SJ01	23146958	Relay, DC12V
SR42	23146558	Relay, DC12V
SR81	23146556	Relay, DC12V
SR83	23146570	Relay, DC12V
V901A	23903058	Socket, 8P
W661	23351038	Speaker, SPK-1311, 60x120mm, 8 ohm
W662	23351038	Speaker, SPK-1311, 60x120mm, 8 ohm
W665	23351133	Speaker, SPK-1392, 100X100mm, 16 ohm (36HFX70)
X401	23153721	Ceramic Resonator, 503kHz, TCR1023
X501	23153961	Crystal, 3.58MHz
XA01	23153533	Ceramic Resonator, 8.00MHz, TCR1082AM
XB01	23153504	Ceramic Resonator, 8.00MHz, TCR1056BM
XM01	23153529	Crystal, 20 MHz
XY01	23153961	Crystal, 3.58MHz
XY03	23153721	Ceramic Resonator, 503kHz, TCR1023
X4401	23153721	Ceramic Resonator, 503kHz, TCR1023
X4402	23153721	Ceramic Resonator, 503kHz, TCR1023
Z301	23110845	Focus Pack, TPA6032BH
Z401	23140203	SG-GAP, SG99B3EN
ZA01	23262286	Coil, IF, TRF1237AH
ZX110	23103823	Filter, TEM2027D
ZX190	23103823	Filter, TEM2027D
ZX221	23103823	Filter, TEM2027D
ZX241	23103823	Filter, TEM2027D
ZX521	23103823	Filter, TEM2027D
ZX531	23103823	Filter, TEM2027D
ZX541	23103823	Filter, TEM2027D
ZX821	23246199	Chip (Ferrite Bead), TRF42R2CG
ZX822	23246195	Chip (Ferrite Bead), TRF41R0CG
ZX823	23246195	Chip (Ferrite Bead), TRF41R0CG
ZY300	23103823	Filter, TEM2027D
ZY330	23103823	Filter, TEM2027D
ZY340	23103823	Filter, TEM2027D

Location No.	Part No.	Description
PC BOARD ASSEMBLIES		
* U801		Power/DEF Board, PB9565A (36HFX70)
* U801		Power/DEF Board, PB9565B (36HF70)
* U802		AC IN Board, PB9566
* U803		LOW B Board, PB9567
* U901		CRT Drive-VM Board, PB9569
* U902		Signal Board, PB9568A (36HFX70)
* U902		Signal Board, PB9568B (36HF70)
* UA01		CONTROL-1 Board, PB9570
* UA02		CONTROL-2 Board, PB9571A
* UD01		SRS Board, PB9587
* UZ01		HYPER PRO. Board, PB9584B
PICTURE TUBE		
⚠ V901	23312894	Picture Tube, A90AJQ14X08
TUNER		
H001	23321389	Tuner, EL956LW
HY01	23321369	Tuner, EL953L
ACCESSORIES		
K912	23306370	Remote Hand Unit, CT-90047 (36HFX70)
K912	23306269	Remote Hand Unit, CT-9954 (36HF70)
Y101	23565010	Owner's Manual, English, 36HFX70
Y101	23565008	Owner's Manual, English, 36HF70
Y101F	23565011	Owner's Manual, French, 36HFX70
Y101F	23565009	Owner's Manual, French, 36HF70
CABINET PARTS		
A201	23540210	Front Cover (36HFX70)
A201	23540232	Front Cover (36HF70)
A213	23427860	Door (36HFX70)
A213	23427865	Door (36HF70)
A214	23451976	Push, Catch
A224	23445433	Button (36HFX70)
A224	23445437	Button (36HF70)
A226	23450286	Panel (36HFX70)
A226	23450296	Panel (36HF70)
A411	23540212	Back Cover
A701	23946097	Carton (36HFX70)
A701	23946103	Carton (36HF70)
A703	23946094	Packing, Top
A708	23946095	Packing, Bottom

Location No.	Part No.	Description

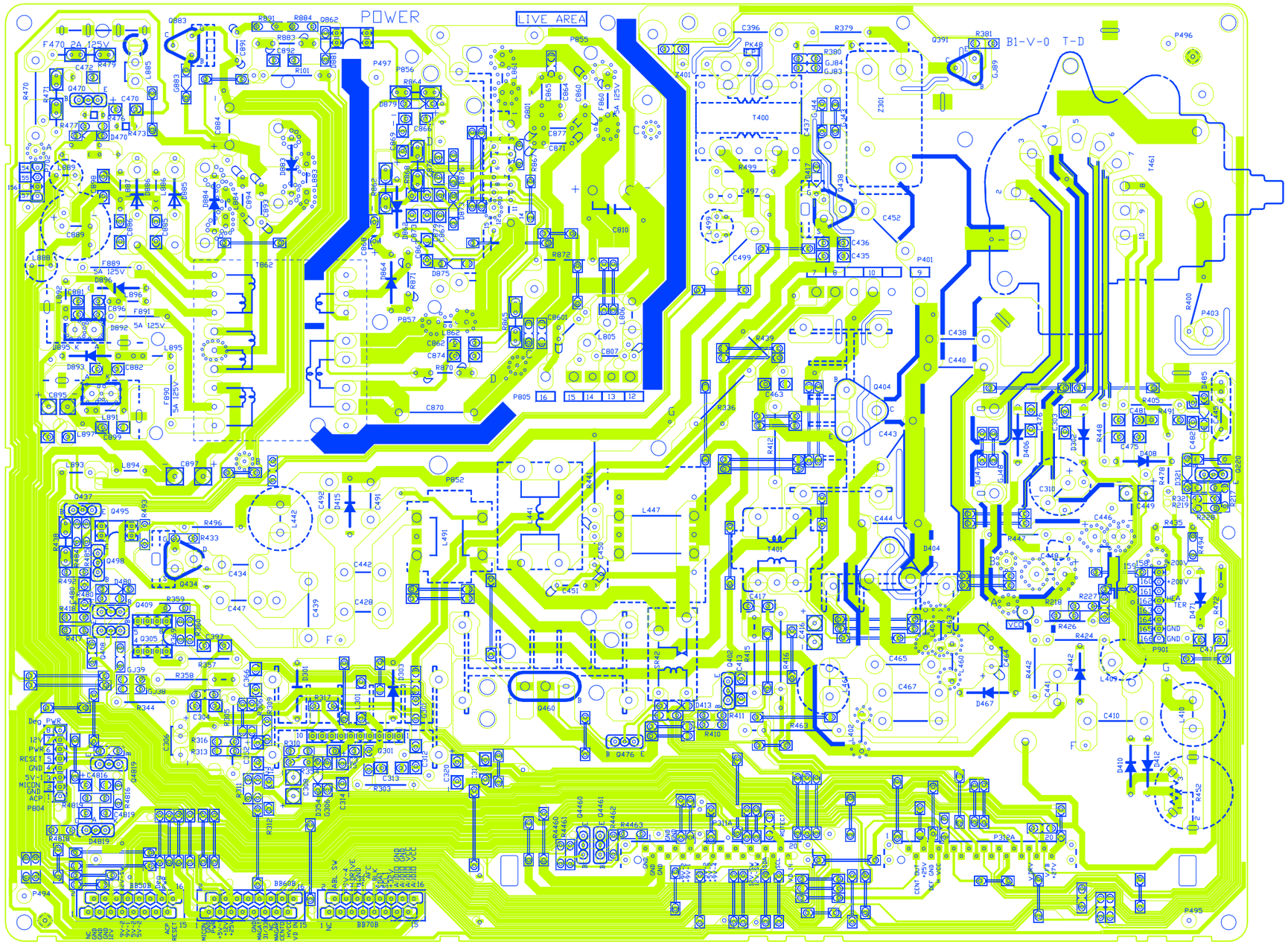
SIGNAL/CONV BOARD PB9568

BOTTOM (FOIL) SIDE



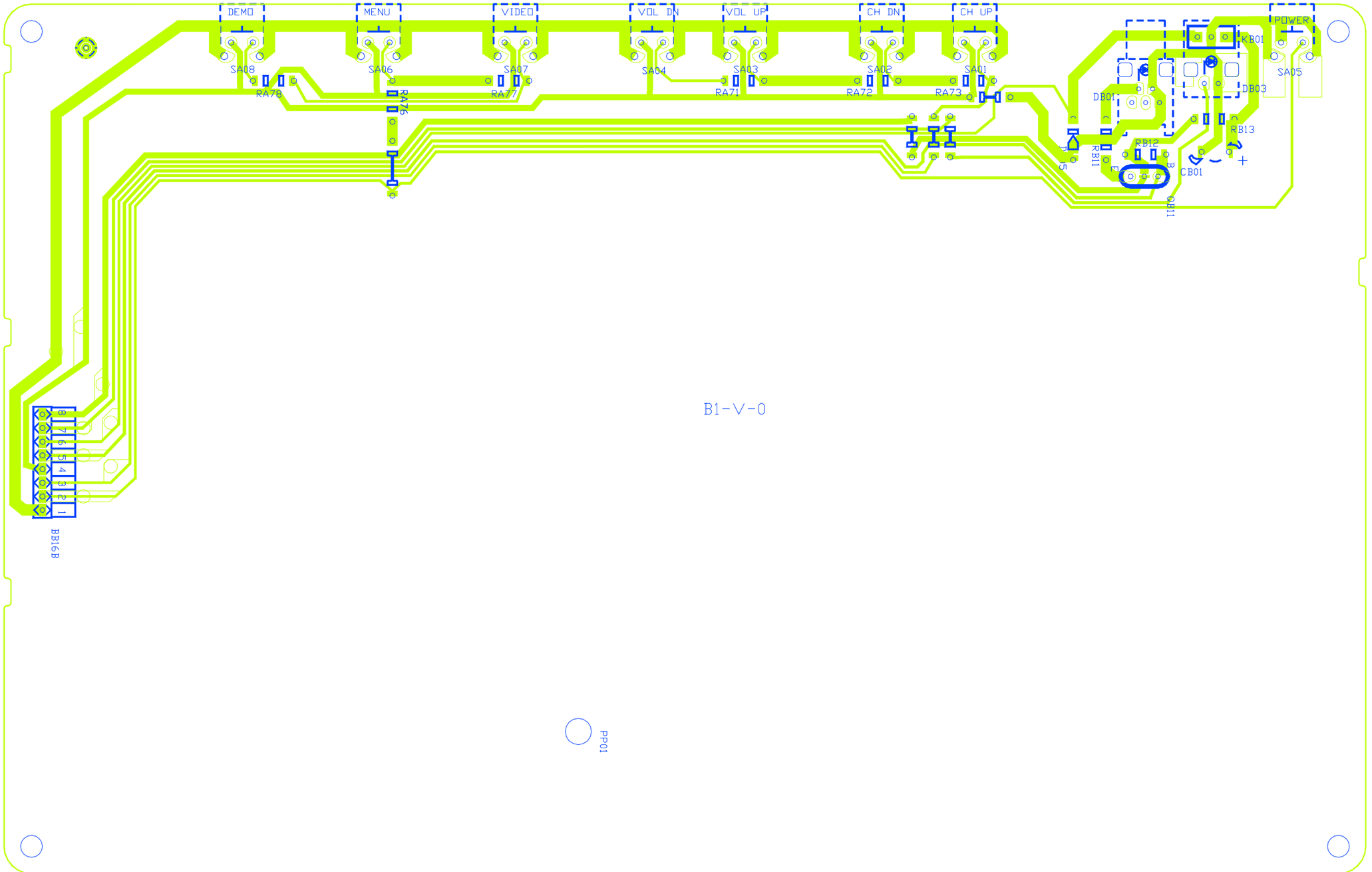
POWER/DEF BOARD PB9565

BOTTOM (FOIL) SIDE



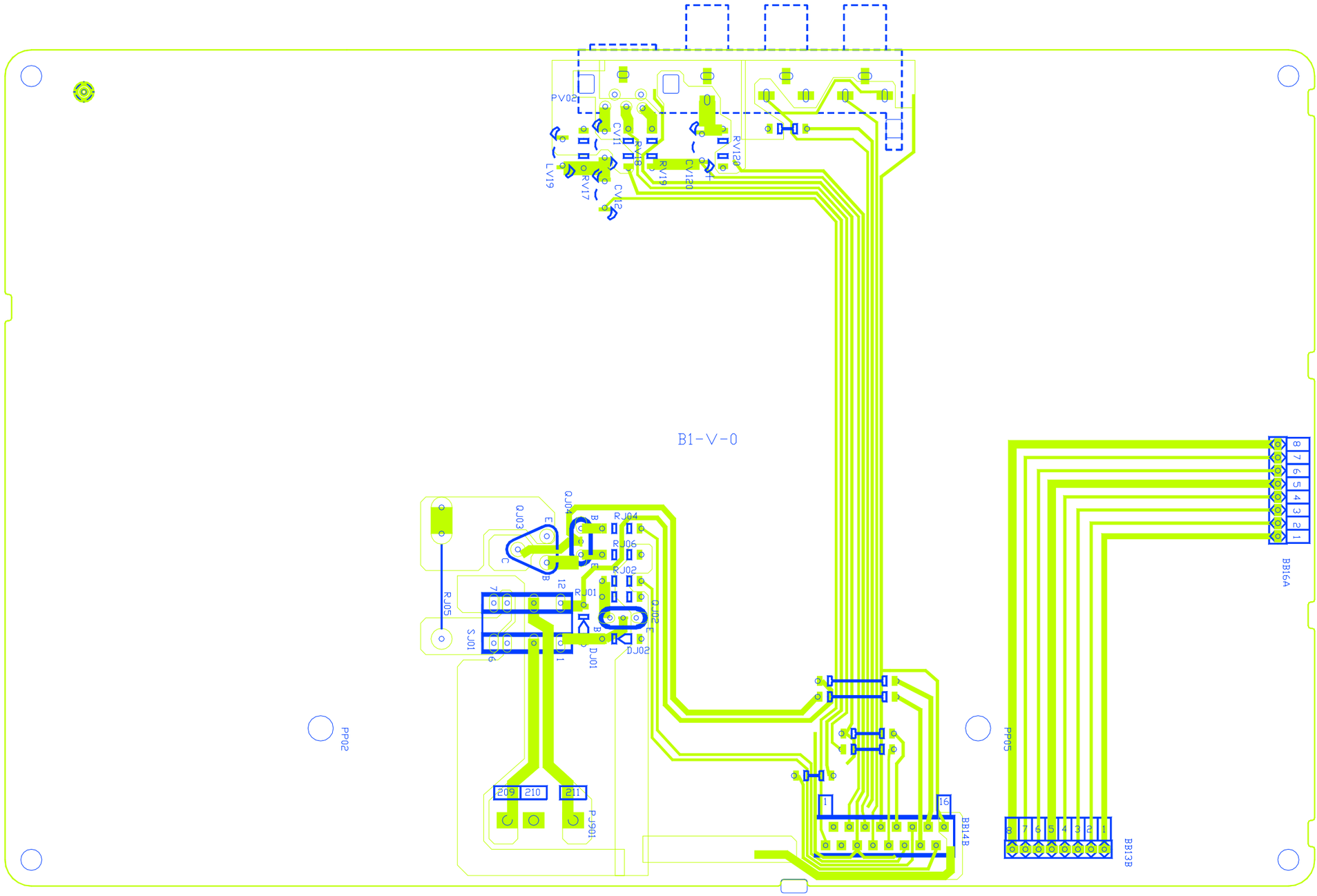
CONTROL-1 BOARD PB9570

BOTTOM (FOIL) SIDE



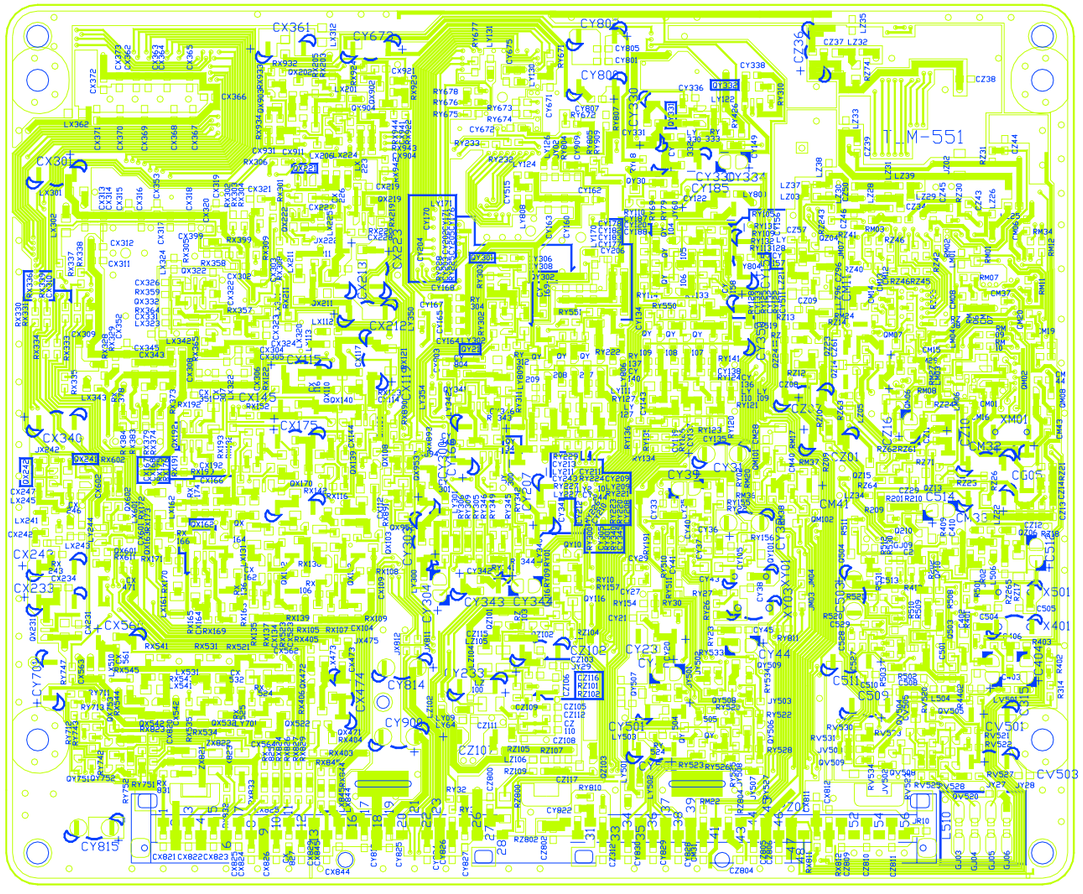
CONTROL-2 BOARD PB9571

BOTTOM (FOIL) SIDE



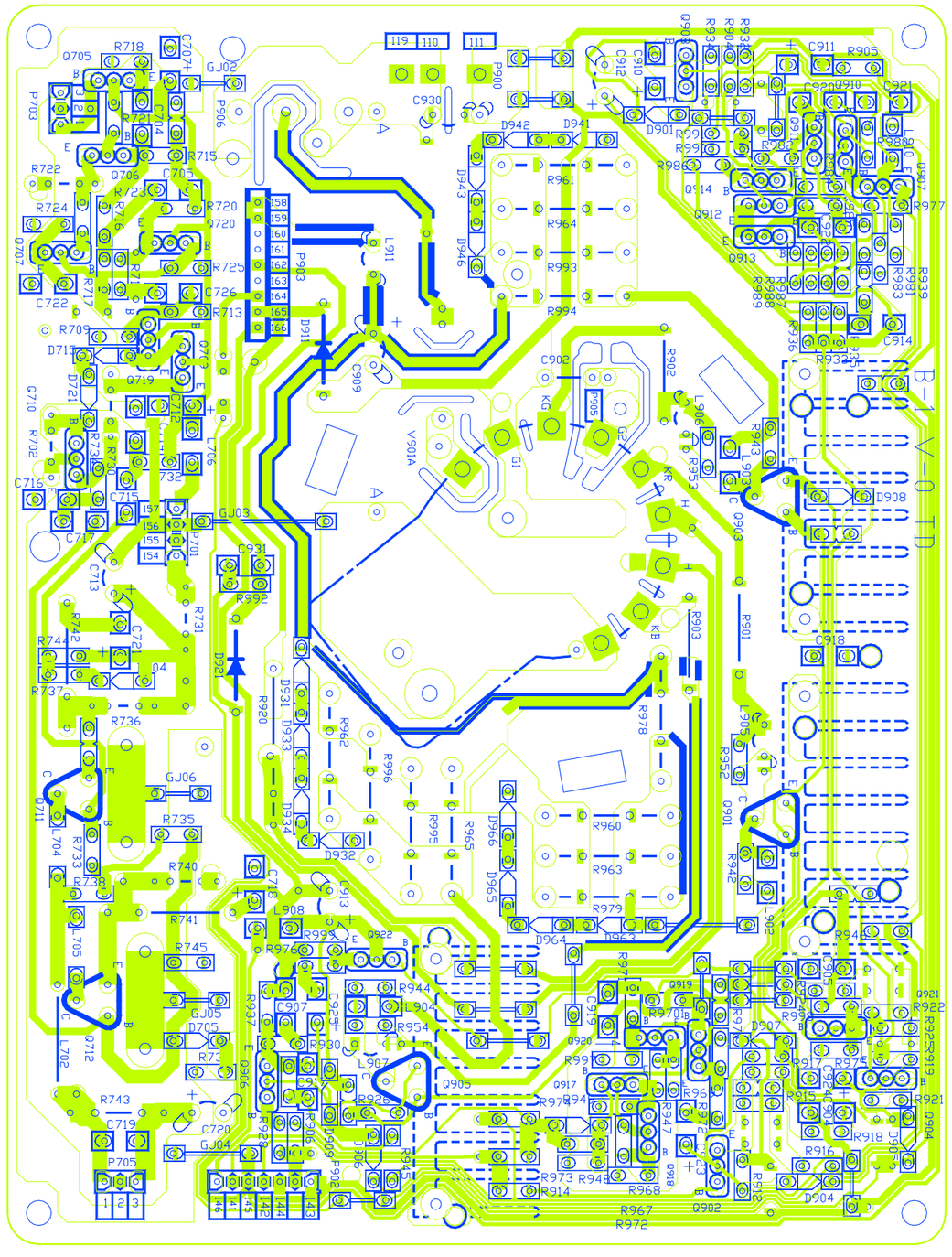
HYPER PRO BOARD PB9584

BOTTOM (FOIL) SIDE



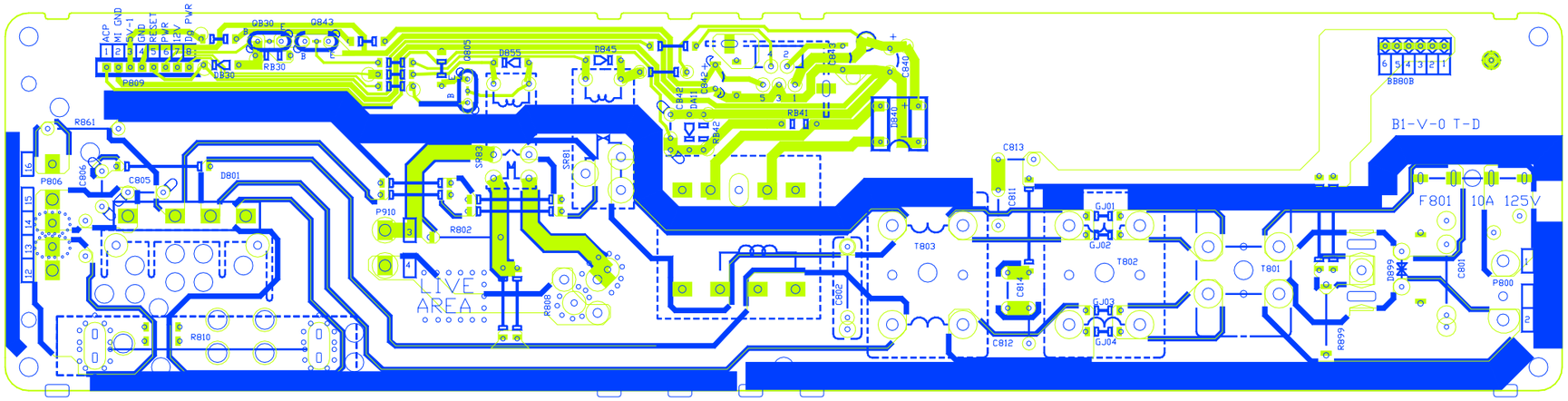
CRT/ VM BOARD PB9569

BOTTOM (FOIL) SIDE



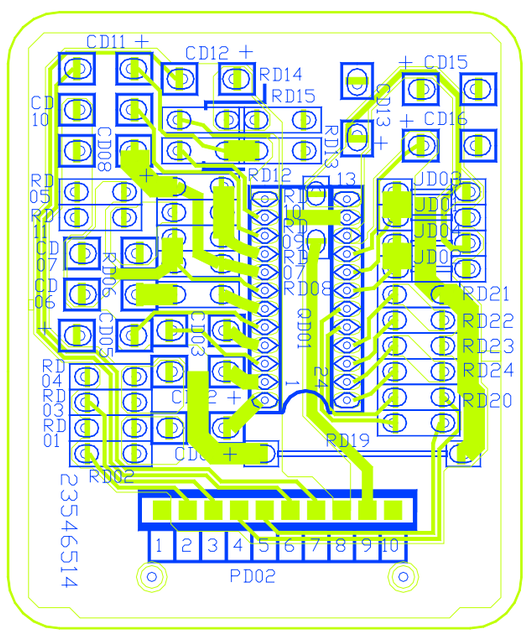
AC IN BOARD PB9566

BOTTOM (FOIL) SIDE



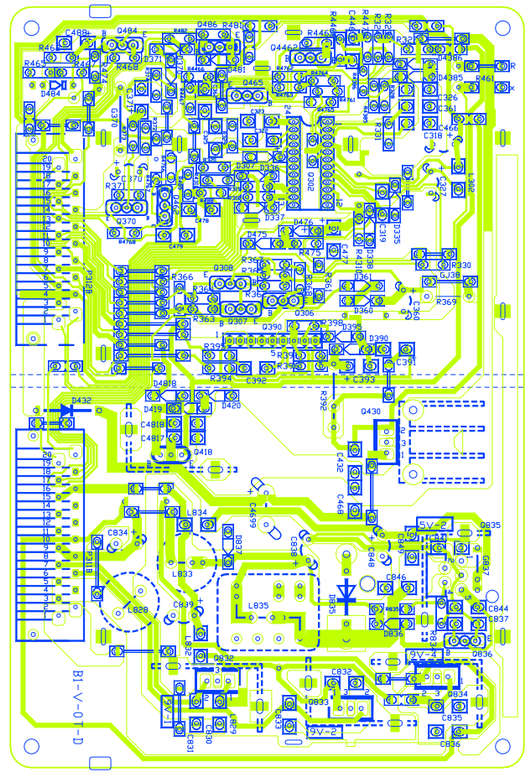
SRS PRO BOARD PB9587

BOTTOM (FOIL) SIDE



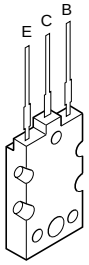
LOW B BOARD PB9567

BOTTOM (FOIL) SIDE

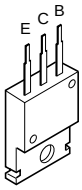


TERMINAL VIEW OF TRANSISTORS

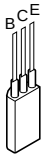
① 2SD2253
(old)
2SC5243



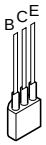
② 2SC3852
2SD1763A
2SC1569
2SC4544
2SA1788
2SA1306
2SA1186A



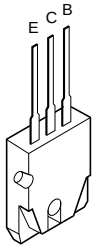
③ 2SC752GTM
2SC2482
2SC2655
2SC4721P



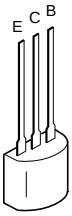
④ 2SC752
2SA562TM
2SA1015
2SC1815
2SC2878
2SC1740S
2SC2120
2SA9335



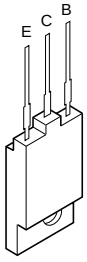
⑤ 2SA1788



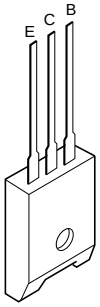
⑥ RN2203
RN2201
RN2004
RN1203
RN1204
RN2204
RN1205
RN1202
RN1201



⑦ 2SD1554
2SD2253
2SD1556
2SC5143
2SC5570
2SD2553



⑧ ON4409



MEMO

SPECIFICATIONS (Representative: 36HFX70)	
TELEVISION SYSTEM	NTSC standard
CHANNEL COVERAGE	VHF: 2 through 13 UHF: 14 through 69 Cable TV: mid band (A-8 through A-1, A through I) super band (J through W) hyper band (AA through ZZ, AAA, BBB) ultra band (65 through 94, 100 through 125)
POWER SOURCE	120V AC, 60Hz
POWER CONSUMPTION	176 W (average)
AUDIO POWER	10W + 10W, 13 W (Sub-woofer)
SPEAKER TYPE	Two 2-3/8 x 4-3/4 inches (60 x 120mm), one 4 inches (10cm)
VIDEO/AUDIO TERMINALS	S-VIDEO INPUT Y: 1V(p-p), 75 ohm, negative sync. C: 0.286V(p-p) (burst signal), 75 ohm VIDEO/AUDIO INPUT VIDEO: 1V(p-p), 75 ohm, negative sync. AUDIO: 150mV(rms) (30% modulation equivalent, 47k ohm) ColorStream™ (Component video) INPUT Y: 1V (p-p), 75 ohm P_B: 0.7 V (p-p), 75 ohm P_R: 0.7 V (p-p), 75 ohm AUDIO: 150 mV (rms) 47k ohm VIDEO/AUDIO OUT PUT VIDEO: 1 V (p-p), 75 ohm, negative sync. AUDIO: 150 mV (rms) (30% modulation equivalent, 4.7k ohm) VARIABLE AUDIO OUTPUT 0-300mV(rms) (30% modulation equivalent, 4.7k ohm) AUDIO CENTER CHANNEL INPUT 300mV(rms) (30% modulation equivalent, 10k ohm)
DIMENSIONS	Width ..... 38-1/4 inches (972 mm) Height ..... 29-5/8 inches (753 mm) Depth ..... 24-1/4 inches (615 mm)
MASS	214 lbs (97.0 kg)
SUPPLIED ACCESORIES	Remote Control with 2 "AA" size alkaline batteries

* Please refer to owner's manual in detail.

TOSHIBA CORPORATION
1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001, JAPAN